

# David Asemota

PMP, PMI\_RMP, CAPM, PSP, PRINCE2, CVT, BSc, MSc

## Construction Project Controls Consultant • AI Innovation Expert

**Profile Summary:** Planner-Scheduler / Project Controls Specialist / Quantity Surveyor

Detail-oriented Quantity Surveyor with 10 years proven track record of successfully managing and delivering complex projects. Seeking an opportunity to leverage my expertise in project management with specialty in Scheduling and Project Controls which contributes to the success of every progressive project. Experience in optimizing workflows, managing resources with use of Primavera P6 & MS Project and ensuring timely project completion. Skilled at coordinating multiple tasks, prioritizing deadlines, and maintaining strong stakeholder communication.

### ACQUIRED SKILLS

- Primavera P6, MS project, and Excel.
- Planning, scheduling, and reporting.
- Budgeting, cost control and risk management.
- Performance measurement.
- Project financial analysis and forecasting.
- Teamwork and collaboration
- Risk assessment and mitigation strategies.
- Analytical and critical thinking
- Cross-functional team collaboration
- Prioritize and manage multiple tasks

### WORK HISTORY

#### **Senior Project Consultant – Project Controls and AI Integration**

**Jul 2024 to Present**

*JGC International – Calgary, AB*

Leading digital transformation in project controls through AI integration while maintaining excellence in traditional project management practices.

#### **Key Responsibilities & Achievements:**

- **Schedule Governance:** Oversee multiple large-scale construction projects ensuring adherence to contractual timelines and deliverables
- **AI Innovation:** Pioneered AI-powered schedule analytics system that automates health checks, detects sequencing anomalies, and forecasts potential delays with 85% accuracy
- **Predictive Analytics:** Developed and implemented machine learning models for high-risk activity identification, enabling proactive mitigation measures that reduced project delays by 25%
- **Cost Integration:** Manage cost-loaded schedules in Primavera P6, maintaining strict alignment with contract budgets and Bill of Materials (BOM) requirements
- **Resource Optimization:** Deployed AI-assisted algorithms for calendar optimization and manpower smoothing, improving resource utilization by 30%

#### **Quantity Surveyor & Project Controls Specialist**

**Jul 2022 to Jan 2024**

*Fluor Canada Ltd. - Working at LNG CANADA PROJECT, KITIMAT BC, Canada*

JGC Fluor BC LNG Joint Venture (JFJV) is the prime contractor on the LNG Canada project-worth \$32 billion USD with over forty-eight subcontractors. Fluor Canada hired me from one of these subcontractors (Altrad Services) to help manage this massive LNG Canada project which is now 85% complete.

- Had successfully monitored this project performance against key metrics, identified variances, recommended corrective actions to ensure project alignment with key performance indicators (KPIs). This resulted in 95% satisfaction rate and a 30% increase in appointment bookings within the first six months of my employment.
- Streamlined the scheduling process with the use of Primavera P6 & Microsoft Excel which has reduced appointment conflicts by 80% and increasing overall efficiency by 25%.

- Trained and mentored new hires in company's project controls/scheduling procedures and best practices which contributed to a 20% reduction in scheduling errors and increased team productivity in terms of controls.
- Prepared and presented project status reports to senior management, highlighting progress, issues, and potential risks. Collaborated with project managers and cross-functional teams to establish project control processes and procedures, ensured adherence to project management best practices.
- Conducted financial analysis and forecasting to support project budgeting and cost control efforts, which assisted in the identifying and assessing of project risks, contributing to the development of risk mitigation strategies, and establishing possible contingency plans.
- Acted as a liaison between project controls teams and stakeholders to communicate weekly project updates, address concerns, and facilitate effective decision-making which contributed to the development of project plans, schedules, and cost estimates for ongoing projects.

### ***Project Planner and Scheduler***

***Dec 2021 to Jul 2022***

*Altrad Services Lt Calgary AB - Worked at LNG CANADA PROJECT, KITIMAT BC.*

Altrad is one of the subcontractors to Fluor Canada on the LNG Canada Project, contracted to perform insulation, painting/coating and fireproofing works- as part of the construction of the LNG Canada Development project. I was initially working for Altrad and within seven months on this project, Fluor Canada quickly noticed my expertise and requested for my service. I moved over to Fluor and Altrad service became one of the five subcontracting companies I am managing directly on this project. While with Altrad on same Project, I had:

- Built the schedule on P6 from the stretch with over two thousand, four hundred activities, resource loaded the schedule, applied all necessary constrains, reviewed schedule with team and baselined.
- Reviewed lower tier subcontractor schedule submittals (RFP, Baseline, Updates) and advise on any concerns. This assisted in resource allocation & optimization to ensure efficient project execution.
- Utilized P6 to identified critical path activities and potential schedule conflicts, and implemented proactive measures to mitigate associated risks. maintain project schedules, track progress, and generate performance reports as required by contract.
- Prepared schedule reports as required including critical path view, baseline vs actual view, look ahead views, and milestone views etc. by collaborating with project stakeholders to establish project milestones and deadlines as they become necessary.
- Conducted regular schedule reviews and updates and communicated any changes to the project team. This assisted in identifying project dependencies and constraints, ensuring accuracy in scheduling.
- Monitored project progress and reported any deviations from the schedule to the project team as I collaborated with project managers to analyze resource requirements and constraints as it become necessary.
- Monitored project timelines and milestones, identifying potential scheduling conflicts, and proposing solutions that facilitated the development of project schedules, resource plans, and budget estimates.

### ***Project Planner and Scheduler***

***Feb 2020 to Dec 2021***

*FWS Group of Companies, Calgary AB-Worked - CANOLA PROCESSING PLANT SASK.*

FWS is an agribusiness company and was contracted to build the production facility in Yorkton, Saskatchewan. This was a seven in one project including Slipform concrete meal storage, three structural steel buildings (Seed preparation building, extraction building, refinery building), Pre-eng utility building, Administration office and Waste water lagoon. FWS management had a major problem with this project schedule- resource utilization. They had one set of resource working across the seven project and they kept having availability conflict. I solved this issue by creating a master schedule and a common resource pool. Linked the seven individual projects to this master schedule and they all shared a common resource pool. leveled the resource from the master schedule and this solved the resource availability conflict.

- Thereafter, maintained the integrity of the master schedule for each project and identify and record the impact of work performed according to the schedule.

- Established planning objectives for our projects by identifying key issues, approaches, and performance metrics. This was done by setting up the schedule in Primavera P6 and got inputs from MS projects and Excel from stakeholders on the project.
- Monitored/reported on progress of work and any challenges/issues/concerns that may affect the planned schedule and its implication.
- Analyzed data and reported progress of work weekly to management and determined critical path, earned values, resource loading / levelling, baselining, look-ahead plan report, & what-if analyses for project superintendents' review/decision.
- Marked appropriate changes/modifications to project plans that meet organizational needs.
- Facilitated meetings between project stakeholders to discuss deliverables, schedules and conflicts that may arise at intervals.
- Tracked project/team member performance closely to quickly intervene in any possible concerns or delays and reported regularly to managers on project agreed budget, progress, and technical difficulties as it relates to schedule.
- Effectively communicated the outcome of the schedule update development process by presenting targeted and relevant information in an effective format.

#### **Project Coordinator and Scheduler**

**Feb 2018 to Jan 202**

*Gator Construction Group Inc, Calgary AB-Worked - Brentwood LRT Station Upgrades*

Did material takeoffs, pricing and monitored daily tasks and created/updated daily reports.

- Managed shop drawing review process and prepared and validated Schedule with Primavera P6a.
- Maintained Request for Information (RFI), Change Order (CO) logs, Site Instructions, etc. Liaised with consultants, subcontractors, and suppliers regarding change requests, design revisions, RFIs, RFQ, etc.
- Assisted with the organization of site logistics, ordered material/equipment for project, coordinated and tracked material deliveries.
- Assisted with the coordination of inspections with authority's having jurisdiction and Consultant Team.
- Organized reports, invoicing, contracts and other financial documentation for easy access. And other administrative duties as assigned'

#### **Project Scheduler and Progress Analyst**

**Jan 2015 to Feb 2018**

*Jacobs (Suncor) Calgary, AB. Worked - FORTY MILE SOLAR POWER PROJECT*

- Participated in the planning and schedule preparation process during pursuits and response to RFP documents in projects.
- Worked closely with project team to provide detailed planning and scheduling of projects from conceptual planning through engineering and construction.
- Communicated with site staff and subcontractors to determine the actual construction progress and provided regular schedule updates based on provided information.
- Evaluated construction progress and performed regular progress updates, as required, and prepare the reports for evaluation of the schedule health.
- Provided progress reporting to project team to ensure subcontractors/crew reperformance is in accordance with milestone dates of Baseline Schedule.
- Participated in developing and maintaining a database of construction productivity rates, procurement durations, lead times and project risk items.
- Identified unplanned events (new changes/unforeseen conditions) and incorporate their impacts into the schedule.
- Developed as-built versus as-planned schedules to provide a manageable "snapshot" comparison of the project schedule.

**Project Planner and Scheduler****Jun 2013 to Jan 2015***Stuart Olson – Calgary, AB Worked - MACKIMMIE TOWER PROJECT, Calgary*

- Read, interpreted construction drawings, job specifications and prepared standard progress reports for each assigned project.
- Developed and maintained project schedules, ensuring alignment with project goals and objectives. Collaborated with project stakeholders to establish project milestones and deadlines.
- Assisted in identifying project dependencies and constraints, by ensuring accuracy in schedule logic and constraints, realistic activity durations and available manpower and resources.
- Identified critical path activities and potential schedule conflicts, implementing proactive measures to mitigate identified risks. And conducted regular schedule reviews and updates, communicating any changes to the project team for proactive actions.
- Prepared progress reports and provided project status updates to management and stakeholders for their informative decisions and assisted in resource allocation and optimization to ensure efficient project execution.
- Interpreted performance curve data and forecast productivity; provide manpower information for forecasting.

**Project Control Specialist****Dec 2009 to May 2013***VolkerWessels Construction Ltd. – Rotterdam, Netherlands, Netherlands*

- Supported in the implementation of Work Breakdown Structures (WBS) to capture the entire project scope of work, Cost Breakdown Structures (CBS) to effectively control the cost of projects, Schedule Breakdown Structures (SBS) to effectively control the schedule of projects.
- Monitored, reviewed, analyzed, and reported on schedule status during all the project phases, including status of critical and near-critical project activities, company-wide manpower plans and related resources initiatives.
- Participated in multidiscipline review of project capital forecasts and analyzing of project trends by testing new systems, templates, and dashboards on it.
- Supported the development of schedules level 1, level 2 and level 3 and performed variance analysis and implemented change management procedures as the project progressed.
- Provided and aligned consistent support in the areas of Cost Control, Planning, Forecasting, Progress Measurement, Monthly Status Reporting, and Change Management.
- Assisted Project Managers and Cost Analysts to prepare estimates and budgets in accordance with the project Work Breakdown Structure.

**Resident Quantity Surveyor/Project Control Specialist****Dec 2003 to Nov 2009***Hostette Construction Co. Inc – Amsterdam, Netherlands, Netherlands*

- Collaborated with the project management team to establish and monitor budgetary controls, identified cost overruns and implemented corrective measures as the project progressed.
- Managed the valuation of variations, progress/approve payments, and final account settlements, ensuring compliance with contract terms and industry regulations.
- Prepared and analyzed project budgets, forecasts, and cash flow projections to ensure accurate financial reporting and monitoring of project performance.
- Collaborated with project managers and teams to track and report key performance indicators, ensuring project objectives were achieved within established timelines.
- Utilized project management software to maintain project schedules and plans, identify deviations, and recommend corrective actions that improved project performance.
- Conducted regular project performance reviews and provided insightful reports to senior management that enabled their informed decision-making and the implementation of effective project control measures.

## **EDUCATION**

- Diploma: Civil Engineering Technology (CVT), Majored in Construction Management. **Southern Alberta Institute of Technology (SAIT)** - Calgary, AB, Canada
- Certificate: Planning and Scheduling Professional (PSP). **AACE International** – USA.
- Bachelor's Degree (BSc): Quantity Surveying, majored on Project Cost Controls. **Federal University of Technology**.
- Master of Science (M.Sc.): Property Appraisal/Investment. **Greenwich University**, - London, UK

## **TECHNICAL PROFICIENCIES**

- **Project Management Software:** Primavera P6, Microsoft Project, Smartsheet
- **Data Analytics & AI:** Python, R, Power BI, Tableau, Machine Learning Libraries
- **Cost Management:** CostOS, AVEVA PDMS, Excel Advanced Functions
- **Collaboration Tools:** Microsoft 365, SharePoint, Teams, Slack. Database Management: SQL, Access, Oracle

## **KEY PROJECTS PORTFOLIO.**

- **LNG Canada Project:** \$40B+ liquefied natural gas facility - largest private investment in Canadian history
- **Oil Sands Operations:** Multiple \$1B+ turnaround and expansion projects
- **Infrastructure Development:** Highway, bridge, and utility construction projects across Alberta
- **International Projects:** Commercial and residential developments in Netherlands and UK

## **AFFILIATIONS**

- *Canadian Institute of Quantity Surveyors (CIQS)* – Registered Member
- *Project Management Institute (PMI)* – Registered Member, Southern Alberta chapter. Actively involved with its activities and programs.
- *Association for the Advancement of Cost Engineering (AACE)* International

## **CERTIFICATIONS**

- Project Management Professional (PMP), Certified by 'Project management Institute' (PMI).
- Certified associate in project management (CAPM), Certified by 'Project Management Institute' (PMI).
- Project Scheduling Professional (PSP), Certified by AACE International.
- Prince2 (Foundation & Level 2), Certified by APMG United Kingdom.