

JOSE A. CARDONA

Accomplished Mechanical Engineer and Computer Science Professional with a proven track record in project management and leadership. Skilled in driving efficiency and productivity through technical expertise and innovative problem-solving. Seeking to leverage this experience in a forward-thinking Computer Science role.

📍 Denver, CO

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WORK EXPERIENCE

Project Engineer Denver, CO · December 2022 - Present
Xcel Energy

- Successfully directed \$3M+ capital projects, resulting in a 15% increase in efficiency and a 10% reduction in project timeline.
- Led cross-functional teams, ensuring seamless collaboration and on-time project completion through Agile methodologies.
- Developed and managed project budgets, forecasting costs for financial efficiency.
- Authored project management plans and scopes of work, outlining responsibilities and timelines.
- Conducted safety observations with contractors, ensuring safety standards compliance.
- Hosted monthly capital meetings, fostering effective communication and collaboration.
- Utilized advanced CAD, SAP and Microsoft Project skills, improving project tracking and resource allocation by 20%.
- Introduced innovative solutions, boosting productivity and streamlining processes.
- Served as a vital communication link between project teams and senior management.
- Facilitated training sessions to enhance team technical skills and knowledge.

Engineer I Denver, CO · January 2022 - January 2023
Kleinfelder- GTS

- Carried out in-depth feasibility studies and site surveys, which led to the optimization of pipeline project design and risk minimization, thanks to effective data analytics.
- Formulated technical specifications and standards that enhanced the longevity and performance of pipelines.
- Administered pipeline integrity programs, adhering to industry regulations and standards.
- Supervised pipeline construction activities, ensuring quality assurance through meticulous field inspections.
- Conducted field inspections of gas pipelines, identifying and rectifying potential issues through data analysis.
- Established and maintained Pipeline and Station Feature Lists (PFL/SFL) utilizing MySQL.
- Undertook issue analysis and implemented corrective actions through automation

Project Manager New Jersey · June 2020 - January 2022
Milkos Construction

- Successfully oversaw construction projects with budgets reaching \$500k, showcasing robust fiscal management and leadership capabilities.
- Accomplished completion of over 25 projects within set timelines and budgets, leading to a high client satisfaction rate of 98%.
- Devised and upheld comprehensive project schedules, guaranteeing efficient resource distribution and achievement of key milestones.
- Brokered advantageous contracts with vendors and subcontractors, resulting in up to 15% cost savings on materials and labor.
- Instituted stringent quality control procedures, significantly reducing defects and rework, thereby boosting project efficiency.
- Cultivated solid relationships with clients, architects, and other stakeholders, ensuring their goals and expectations were aligned with the project's objectives.
- Effectively managed project risks and promptly addressed any changes in scope.
- Supervised on-site crews and subcontractors, promoting a safe and productive work environment. Coordinated with local authorities for necessary permits and inspections, ensuring full compliance with regulatory requirements.
- Leveraged data analytics to monitor project performance and inform decision-making, leading to enhanced project delivery and client satisfaction.

EDUCATION	New Jersey Institute of Technology	2021
	Degree: Bachelor of Science in Mechanical Engineering	
	New Jersey Institute of Technology	Expected 2023
	Degree: Master of Science in Computer Science	

SKILLS

- **Programming Languages:** C/C++, Java, Python, JavaScript, HTML, SQL, .NET (C#), jQuery, TypeScript
- **Operating Systems:** Proficient with Linux environments and command line interface
- **Software Development Methodologies:** Agile, Scrum
- **Cloud Computing:** Proficient with AWS (Amazon Web Services), Experience deploying and troubleshooting applications on Azure
- **CI/CD Tools:** Experience with Jenkins, Docker, Kubernetes
- **Version Control Systems:** Git, AWS CodeCommit, Github, Bitbucket
- **Data Analysis and Visualization Tools:** Power BI, Tableau
- **Web Application Development:** Angular
- **Database Management:** SQL (insert, update, stored procedures, etc)
- **Project Management Tools:** Microsoft Project, Smartsheet, ProjectWise
- **Other Skills:** Managing/configuring vendor software installations in a Windows server environment, Strong sense of customer/solution ownership, mature change management skills, and experience with SDLC methodologies including Agile/SCRUM
- **Soft Skills:** Strong communication and collaboration skills