DANIELLE ARANDA – Software Engineer specializing in Frontend Development

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As an Industrial Engineer transitioned to Software Engineering, my passion lies in creating innovative solutions that positively impact others. I thrive in collaborative environments, combining technical and non-technical insights from cross-functional teams to develop creative and effective solutions for complex challenges. With a proven track record as a self-starting problem-solver, I am eager to embrace continuous learning and take the initiative to bridge any knowledge gaps along the way.

SOFTWARE SKILLS

HTML | CSS | JavaScript | Typescript | React | Redux | Node.js | Express | PostgreSQL | MongoDB | GIT

TECHNICAL SKILLS

Front-end development | Analytical problem-solving and troubleshooting | Continuous improvement | Cross-functional collaboration | Technical documentation | Device manufacturing operations

EXPERIENCE

Software Engineering| 2021–Present

Goal-tracking application providing a responsive interface for users to set and monitor personal goals.
- Developed a robust backend RESTful API using Node.js and Express, leveraging MongoDB as the database.
- Implemented TypeScript to improve code quality, ensuring type safety and reducing potential errors.
- Integrated Material UI to elevate the application's visual aesthetics and deliver an enhanced user experience.

Responsive full-stack application enabling job seekers to efficiently search and apply for jobs.
- Implemented a RESTful API, enabling seamless integration between application components.
- Developed an SQL database utilizing PostgreSQL to create a reliable and efficient storage solution
- Leveraged SQL queries to retrieve and manipulate data, ensuring optimal performance and data management.
- Applied JWT token-based authentication, ensuring secure user authentication and authorization.
- Employed a mobile-first design approach to ensure a responsive user interface across a variety of devices, enhancing accessibility and user experience.

Materials Manager | Amazon Lab126 | Sunnyvale, CA | 2019–2021

- Proactively managed the continuity of material supply for 50 device programs across 10 global facilities.
- Collaborated with Software Engineering to create a custom planning system capable of meeting and scaling with the unique requirements of a Reverse Logistics Supply Chain.
- Defined system requirements and completed user testing for the implementation of strategic solutions.
- Managed the communication and training of new application features with third-party partners.

Quality Systems Business Process Analyst | Amazon Lab126 | Sunnyvale, CA | 2016–2019

- Conducted and led the in-depth analysis of operational processes across 20 departments to uncover the root causes of process issues and inefficiencies, driving continuous process improvement.
- Facilitated collaborative discussions between business stakeholders to propose, document, and implement solutions enhancing operational effectiveness, compliance, and best practices.

Manufacturing Process Engineer / Industrial Engineer | Flex | Milpitas, CA | 2015–2016

- Provided technical support to customers, business development managers, and manufacturing teams, collaborating closely to advance prototype designs into mass production for 3 unique product lines.
- Documented standard operating procedures and trained production teams enabling consistent and reliable production across all stages of the process.

New Product Introduction Project Engineer | Extron Electronics | Anaheim, CA | 2013–2015

- Transitioned 30 commercial architectural and audio products from initial design into mass production.

EDUCATION

Software Engineering Certification, Springboard 2023

Bachelor of Science, Industrial Engineering, California Polytechnic State University San Luis Obispo