Angelo Mandros

Career Summary

Mechatronic Engineering graduate with expertise in software development and project supervision across the mining and software industries. Strong leadership and technical skills, with a passion for driving research and advancing technology.

Summary of Qualifications

Proficient in:
- NodeJS
- ExpressJS
- React
- Angular
- Astro
- Typescript
- Tailwind CSS
- AWS
- Web scraping
- .Net
- NestJS
- Playwright

Languages
- Spanish (native - C2)
- English (advanced- B2)
- Portuguese (basic-A1)

Career History

Content Media S.A.C.
Analyst Fullstack Developer   Sep. 2024 – Now
Responsibilities:
- Manage and integrate AWS services, including S3, Lambda, EventBridge, Route 53, and CloudFront, to host and optimize scalable applications.
- Design, develop, and implement fullstack solutions using Angular for the frontend and Express for the backend.
- Collaborate on projects related to academic systems and payment platforms, ensuring efficient and functional user experiences.
- Configure and maintain deployment pipelines and cloud environments using github actions combined with S3 sync tools.
- Ensure code quality through unit testing and QA reviews to uphold high development standards.
- Optimize application performance by refining architecture and leveraging cloud technologies.
- Implement secure and reliable solutions for data management and financial transactions.

Tools/Technologies: Lambda, S3, Eventbridge, Route 53, Cloudfront, Github Actions, Angular, ExpressJS, Astro, Serverless, Playwright, Strapi

Consultoría Carranza E.I.R.L, Lima, Peru
Web/App Developer   Mar. 2023 – Sep. 2024
Responsibilities:
- Led a team in designing, programming, and deploying AI-integrated software systems, ensuring successful goal completion through Scrum methodology
- Performed continuous maintenance and enhancements on the company website, optimizing SEO and performance using Google Analytics and PageSpeed Insights
- Developed and executed unit tests for web and mobile applications, ensuring functionality prior to deployment with tools like Playwright and Jest
- Fostered a CI/CD culture, streamlining workflows with automation tools such as GitHub Actions
- Built scrapers to automate the collection of legal standards and quotes, improving data gathering

efficiency using Playwright for execution and Azure for deployment

Tools/Technologies: Angular, Express, Astro

Geohidrac S.A.C., Callao, Peru
IT Member – Instrumentation assistant   Sep. 2023 – Dec. 2023
Responsibilities:
- Supervised the installation and configuration of vibrating wire piezometers, inclinometers, and DataLoggers, along with geotechnical instrumentation maintenance, ensuring system accuracy and functionality.
- Developed and deployed a virtual inventory tool for field material management, improving resource efficiency and reducing operational errors.
- Managed data processing and built a cloud solution for real-time data visualization through a web platform, enabling data-driven decision-making.
- Prepared daily instrumentation reports and conducted preventive, predictive, and corrective maintenance, supervising personnel to ensure system reliability.
- Redesigned and prototyped the company's website, optimizing performance and SEO to enhance visibility and user experience.

Tools/Technologies: React, AWS, NextJS

Education
Pontifical Catholic University of Peru, Lima, Peru
Mar. 2016 – Agu. 2023
BS, Mechatronic Engineering