Gerardo Granados

Huntington Park, CA

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Education

California State Polytechnic University, Pomona (Cal Poly Pomona)   Dec 2021
M.S., Computer Science

California State University, Los Angeles (CSULA)   May 2019
B.S., Computer Science

Technical Skills:

- Experienced in JavaScript, TypeScript, C#, Java, Python, HTML5, CSS, Node.js, SQL, AWS
- Frameworks and libraries: React, Tailwind, Bootstrap, Vite, Vue
- Databases: DynamoDB
- Cloud & DevOps: AWS CodeBuild, CloudWatch, OpenSearch, Firebase Functions & Hosting

Projects:

Receiptify Android App
- Developed an Android app that digitizes receipts using Firebase ML Kit, enabling users to scan, store, and analyze their purchases.

Fostlings iOS App
- Flutter app for Ford Focus ST owners to share car builds and troubleshoot repairs together.

Plan Your Way Planners Web App (pywplanners.com)
- Fully deployed and managed by me. I started this website to help a small business eliminate the need for manual pdf order forms and help customers order their own planner on this e-commerce-like site.

Experience:

Software Engineer
Sep 2022 – Present   **Re:Build Manufacturing**   Los Angeles, CA
- Develop and maintain React, C# (Hot Chocolate to use GraphQL on AWS lambda) web applications tailored for internal manufacturing companies.
- Built internal tools (quoting automation web apps, process automation web app) that automated repetitive tasks and saved teams up to 6 hours of daily manual work.
- Worked with manufacturing teams to replace paper-based processes with React and AWS tools, improving productivity and accuracy.
- Created a web application that uses threeJS to automate the creation of carbon fiber parts
- Lead for researching log metric methods on apps.

Software Engineer
Nov 2019 – Sep 2022   **Infosys**   Remote
- Client AT&T: Developed ad configuration tools and automated tracking using Charles Proxy and Python.
- Created scheduled web scrapers to collect and upload data to ElasticSearch.
- Client Warner Music Group: Maintained Java and PL/SQL systems and automated jobs using AppWorx.

Software Engineer
Aug 2018 – May 2019   **LA County: Bureau of Engineering**   Los Angeles, CA
- Created a sidewalk slope measuring tool using Raspberry Pi 3 and accelerometer, with data hosted via AWS S3.
- Developed a user-friendly interface for field technicians to assess sidewalk repairs.

Data Engineer Intern
May 2018 – Nov 2018   **20th Century Fox**   Century City, CA
- Created a TensorFlow object detection model to identify violent or horror scenes in video footage.
- Built Azure-powered translation models for converting English movie scripts to Spanish.

Relevant Links:

GitHub: https://github.com/ggranad4/
LinkedIn: https://www.linkedin.com/in/gerardo-granados-a755bab8/