

Charles Bonoan

Junior Software Developer at General Motors

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Education

CALIFORNIA STATE UNIVERSITY OF BAKERSFIELD

B.S, Computer Science, 3.41 GPA

Bakersfield, CA

Graduated: May 2021

Relevant Coursework: Data Structures and Algorithms, Algorithm Analysis, Database Systems

Experience

GENERAL MOTORS

Junior Software Developer

January 2022 - Current / Remote

- Maintained and debugged code that supported the infotainment system of over 9 million vehicles, which was implemented in Java and used the Spring Boot framework.
- Created automated regression tests using Python's pytest framework and created tests for over 100 API endpoints with over 90% code coverage.
- Created new UI features as well as repaired UI bugs to the Admin frontend website which was implemented using the Angular framework thus improving user experience.
- Developed new code under the scrum framework and following Agile methodologies.

PROSOFT TECHNOLOGY INC.

Software Engineering Intern

May 2020 - August 2020 / Bakersfield, CA

- Built an automated pipeline using Jenkins that compiled and built the project's source code which reduced build time by 30%.
- Programmed unit tests using Python that were fired off after the project was built which then generated an overall report.
- Organized well documented steps to run pipeline as well as troubleshooting steps for any issues that may arise while running the automation.

Projects

CSE MEDICAL TRANSPORT WEBSITE (Personal Project)

October 2021

- Upgraded a website for a local business using Mongo, Express.JS, React.JS, and Node.JS (MERN) causing an increase of user traffic by 45%.
- Designed the frontend using Figma as well as tested the APIs using Postman.
- Used PyTest and Selenium to test the functionality of the website from frontend to backend.

Skills

Technical: Python | HTML | CSS | Javascript | Typescript | React.JS | Bootstrap | Git Version Control | Github

Interests: Web development | Frontend development | Backend development | Full-stack development