

Isaiah Plummer

IsaiahPlummer@proton.me ▪ 585-698-6596 ▪ github.com/ZekePlumm44

Work Experience

Software Engineer

General Motors

July 2021 - September 2024

- Developed several pages for part order entry application used by over 10,000 dealerships generating topping at millions in revenue daily utilizing modern versions of React/Typescript.
- Lead as application owner of tool unifying global part classifications under a unique code based on part attribute rules while allowing business partners to modify and approve classification.
- Implemented migration to modern versions of Tomcat, Java, Spring Framework; reducing technical debt by 95%. Cooperated with business partners to help plan initiatives.
- Received company recognition for work on retail inventory management application responsible for up to \$2 million in daily sales. Utilized Angular.js, along with integrating RESTful APIs and complex SQL queries with Java.
- Collaborated with business analysts to design and implement tailored solutions for evolving requirements, including a custom reporting tool enabling users to generate specialized reports, statement summaries, and configurable user settings.
- Conducted on-site visits to dealerships to gather direct feedback from end users, providing insights inspiring new feature development and enhanced product usability.
- Migrated CRUD batch jobs for shipping and customer tables from legacy application to modern part inventory management application in Java.
- Cooperated as alternate application owner for critical Global Strategic Pricing application, managing and resolving ITSM tickets for incoming issues.

Engineering Applications

- Designed system and programmed an ESP8266 to send alerts over a Wi-Fi connection when connected sensors detect water level has reached a critical level to create a septic tank overflow detection system.
- Developed personal website integrating several REST queries to public apis with Typescript utilizing Node.js

Technical Skills

Languages: Javascript (Typescript), Java, SQL, Python, Bash

Technologies: React.JS, Spring Framework, Tomcat, Azure, Docker, Postgres/Oracle, QT

Platforms: Linux, Windows

Education

Syracuse University, College of Engineering and Computer Science

Bachelor of Science, May 2021

Major: Computer Engineering