

# Robert Pollum

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Experience

General Motors

Senior Software Developer

- Contributed to code base by fixing numerous bugs and catching several bugs before they went to production, completing 4-5 features to deliver to business and developed User Stories before and during Sprint Planning.
- Developed script for resetting local environment that reduced time by minimally 10x and an Insomnia repo for testing APIs.
- Built out application in React, Next, Quarkus, PostgreSQL, Kubernetes, Docker, Swagger, C4, Insomnia, bash and git.

General Motors

Software Development Team Lead

- Migrated a monolithic application from Oracle Weblogic to Apache Tomcat to save GM money on existing Oracle contracts.
- Documented and established process in Java Docs, Swagger, C4 and OneNote while mentoring a team of 5-7 developers
- Designed and Built greenfield applications using React, Next, Spring Boot, Quarkus, PostgreSQL, Pivotal Cloud Foundry, Kubernetes, Docker, git and Python.

General Motors

Full Stack Software Developer

- Built/designed greenfield emission reporting application using ExtJs, Microsoft SQL Server and Sprint Boot to support Opel/Vauxhall divisions
- Migrated database platforms from Oracle to PostgreSQL to save GM money on contracts.
- Supported, upgraded, modified legacy applications with new business features using Apache Struts, Spring Framework, Angular, Vue, vanilla JavaScript, SVN and Git to support future vehicle architecture and marketing objectives.
- Lead SCRUM meetings and developed stories for agile based team translating requirements to User Stories.
- Mentored 3 newer developers to bring them up to speed on process, code base and general approach questions.

General Motors

Business Analyst

- Meticulously documented GM recall/warranty action processes for greenfield application which removed ambiguity of requirements for waterfall project definition

Fraunhofer USA

Engineering Research Complex, 1449 Engineering Research Court, Intern

- Updated/maintained programs on Plasma and Chemical Vapor Deposition machines as business need arose
- Documented/labeled machine wiring for easier communication tracing
- Documented code with comments for future understanding
- Prototyped both software and devices for company.

Education

Michigan State University

Computer Engineering

3.34

2010 - 2014

Bachelor of Engineering (BE)

Skills

React.js

JavaScript

HTML

Spring Boot

Shell/Bash Scripting

Quarkus

Next.js

CSS

Angular.js

Java

Linux

C4 Models

Vue

Ext.js

Python

Apache Kafka

LabVIEW

C++

SharePoint

C#

Software Stack

JetBrains IntelliJ

Insomnia by Kong

Eclipse IDE

Microsoft VS Code

Docker

draw.io

Balsamiq

git

Awards

GM Transformers Award

Business Partner

June 2016

References

Jesse Stricklin

Software Engineer

Mobile: (248) 794-3969

Jared Lynch

Full Stack Software Developer

Mobile: (989) 280-1674

David Pement

Software Developer

Mobile: (586) 265-1472