

Jaxon Hoffman

Full-Stack Software Developer

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Summary Statement

As an experienced full-stack developer, I possess a comprehensive skill set in building Angular + Spring Boot or Quarkus applications. My current objective is to secure full-time employment opportunities that enable me to design and develop web and mobile applications. My work is characterized by a strong emphasis on exceptional architectural and UX design principles, with a particular interest in DevOps and supporting the entire software lifecycle. I acknowledge the importance of collaborative work among multiple developers, project managers, architects, and business stakeholders.

Skills & Tech Stack

Languages

Java | Python | C/C#/C++
JavaScript | HTML | CSS
PostgreSQL | Oracle DB | SQL Server |
MongoDB | MySQL

Technologies

Angular | react.js | React Native | Expo
Spring (Boot) Framework | Quarkus
Jest | JUnit | Selenium

DevOps

PCF | Kubernetes | Docker | Maven
Azure TFS | Azure Cloud
CI/CD Pipelines

Other Pertinent Skills

Requirement elicitation | Story
planning/pointing | AGILE Scrum
Business Communication
UI/UX Design | Auth Schemes
Architectural Design Patterns

Education

B.S. Software Engineering | 2021
Rose-Hulman Institute of Technology
Terre Haute, IN
3.09 GPA

Professional Experience

General Motors IT Innovation Center

Full-Stack Software Developer | June '21 - October '23

Created and launched a web application for storing and retrieving vehicle simulation data.

- Initiated the planning and development phase for a new Angular/Quarkus/PostgreSQL application, crafting a reusable codebase with customizable UI components and adaptable API structures to align with business priorities for a PI1 release.
- Orchestrated connections to HashiVault, database, Microsoft Graph, and OAuth, while optimizing database modifications through Liquibase scripts.
- Managed Docker image generation, code scans, security checks, and unit test coverage using continuous integration pipelines.
- Deployed Docker images to multiple Kubernetes clusters, spanning non-production and production environments via continuous delivery pipelines.
- Provided mentorship in Angular and Quarkus practices to fellow developers through collaborative pair programming efforts.

Contributed to documentation of mobile development practices.

- Held a pivotal position within a center of excellence dedicated to documenting prime strategies for cross-platform mobile app development.
- Conducted thorough research and crafted demo applications showcasing Expo framework and React Native capabilities.
- Participated in inner source projects, aiding in the creation of essential components and workflows for Angular and React Native apps, leading to the incorporation of three features and numerous proposals.

Supported the technical software lifecycles.

- Provided expertise in technical software lifecycles, overseeing upgrades and enhancements for various applications including Angular or Spring Boot updates.
- Skillfully managed version transitions, adeptly resolving challenges arising from disruptive API/library modifications.
- Effectively addressed breaking change related to HashiVault implementation across all applications.
- Demonstrated agile deployment of updated versions to production PCF environments, often achieving this within a month or even less time.

Contributed to application development and enhancement.

- Supported the ongoing development of an Angular/Spring Boot/OracleDB application aimed at optimizing vehicle test ground operations
- Responsibilities encompassed UI and API development, creation of database schemas, unit and automated regression testing, compliance with sonar and security scans, and conducting related research tasks.
- Operated within three-week sprints, efficiently addressing business requirements by completing approximately 50 development user stories, resolving 75 bugs, and conducting several research spikes.
- Facilitated consistent updates to numerous production and non-production PCF environments through ADO CI/CD pipelines.
- Demonstrated innovation through research, presentation, and the effective implementation of an intricate solution for visualizing data on a satellite map.