

PHILLIP PHAM

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Location: Goodyear, Arizona

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EXPERIENCE

General Motors | Chandler, Arizona

May 2021 – Nov 2023

Software Engineer 2, May 2023 – Nov 2023

- Promoted and assigned as co-Application Owner of the Global Profile Management Service that manages 42 million customer profiles worldwide.
- Built a Kafka to Pulsar messaging adapter which enabled consumption of message events allowing partners using Pulsar to consume new messages without re-architecture.
- Supervised a group of DevOps engineers to build new CI/CD pipelines in Azure Pipelines to facilitate new service releases and deployments.
- Handling of CCPA and GDPR data privacy compliance, as well as incident/ticket management (being on-call) to satisfy all service level agreements, allowing our services to maintain full compliance stars.
- Led a scrum team of seven engineers to develop an Angular web application with Spring backend that makes configuration changes to a critical Global Profile Management Service platform using REST endpoints.

Software Engineer 1, May 2021 - May 2023

- Transformed Spring REST controller for critical backend service, leveraging factory design patterns to facilitate multi-region support and achieving flexible data mapping capabilities resulting in enhanced regional scalability.
- Refactored Java data models to improve code reuse and readability by utilizing polymorphism and Lombok, which eliminated duplicate and boilerplate code by 40%.
- Contributed to a new utility using Spring to migrate customer data from legacy platforms to the new Global Profiles Management Service platform. Successfully migrated 300,000 customer profiles.
- Developed an automated utility to generate localized JSON files from business generated excel documents containing localized copy for supported regions, eliminating repetitive manual labor for the project by 15%.
- Built an ecommerce cart and filtering component for a parts and accessories web application utilizing Angular Typescript, resulting in an enhanced user shopping experience.

SKILLS

Languages & Frameworks: Java (Spring Boot & Android), C# (.NET Core), C++, TypeScript (Angular), JavaScript, HTML5, CSS3, SASS, XML, YML, JSON, Oracle SQL, PostgreSQL.

Developer/Cloud/Build Tools: Git, Apache Maven, Gradle, Azure DevOps, Azure Active Directory, Azure Pipelines, Azure Static Web Pages, Apache Kafka, Apache Pulsar, Redis, Pivotal Cloud Foundry (PCF), Docker.

Concepts: REST Web Services, Microservice Architecture, Data Structures & Algorithms, MVVM & MVC Architecture, Object-Oriented Design, Continuous Integration (CI), Continuous Deployment (CD), Test Driven Development, SAFe Agile.

EDUCATION

Arizona State University | Bachelor of Science in Computer Science

Graduated May 2021

CERTIFICATIONS

[Microsoft Certified: Azure Fundamentals](#) | Microsoft

No expiration date

[SAFe® 5 DevOps Practitioner](#) | Scaled Agile Inc

Expires Nov. 4, 2024

[SAFe® 5 Practitioner](#) | Scaled Agile Inc

Expires Oct. 19, 2024

[Human Research, IRB – Social & Behavioral Research \(Group 2\)](#) | CITI Program

Expires Jan. 31, 2024