PHILLIP PHAM

Contact: (623) 285 – 8426, ppthreefive@gmail.com
Location: Goodyear, Arizona

Links/Social: https://www.phillippham.dev, https://github.com/ppthreefive, https://www.linkedin.com/in/phillipbpham

EXPERIENCE

General Motors | Chandler, Arizona   **May 2021 - Present**

Lead Software Engineer, May 2023 – Present

- Promoted in just two years, and assigned as co-Application Owner of the Global Profile Management Service that manages 42 million customer profiles worldwide.
- Designed 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/DI 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.
- Supervising a scrum team of seven engineers developing an Angular web application with Spring backend that makes live configuration changes to a critical Global Profile Management Service platform.

Software Engineer, 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/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, Distributed Systems, Microservice Architecture, Data Structures & Algorithms, MVVM & MVC Architecture, Object-Oriented Design, Multithreading, Continuous Integration (CI), Continuous Deployment (CD), Test Driven Development, OAuth2.0, Network OSI Model, Agile Methodologies, SAFe Agile.

EDUCATION

Arizona State University | Bachelor of Science in Computer Science   **Graduated May 2021**

CERTIFCATIONS

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