SHWETA KADAM

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Github : shwetarkadam | Blog : codeklutz.com | Portfolio : shweta.io

EXPERIENCE

Boku inc, Mumbai, India

Software Development Engineer -2   **Feb 2022- Present**

- Developed the initial codebase for Phase 1 of a Local Payment Processor Angular application, incorporating key features such as Virtual Payment Address (VPA) and QR Code payments, alongside designing the complete initial user interface.
- Successfully implemented OAuth Bearer Token API via Spring Client Credentials for Cellulant Kenya Integration callbacks, significantly enhancing system security and data confidentiality
- Elevated HTTP client usage and project base from Java 8 to Java 17, moving to production seamlessly with no loss of traffic.
- Enhanced system security and streamlined authentication processes by leading the migration from 2-way SSL to OAuth for TH-AIS, ensuring robust API security protocols.
- Conducted comprehensive analysis of business and tech requirements for SOAP to REST migration collaborating closely with stakeholders. Excelled in software development effort estimation, providing resource and timeline forecasts. Enhanced cross-functional team collaboration, ensuring the alignment of software solutions with organizational objectives
- Enhanced security for an internal tool by focusing on SSL connection verification, utilizing AngularJS and Java Spring. Developed and implemented a robust solution to retrieve certificates from HashiCorp Vault, establishing secure SSL sessions and significantly improving the tool's security capabilities.
- During on-call duties, successfully resolved core service issues causing unexpected closure errors in merchant transactions by conducting a thorough investigation, implementing a solution, validating its effectiveness, and closely monitoring the system post-implementation.
- Collaborated within a Merchant team to promptly address and resolve production UI and app failures, minimising downtime and ensuring smooth operations during Google SE Telia Integration.
- Actively reviewed code pull requests (PRs), ensuring alignment with the solution design, and identified and addressed any potential bugs.
- Additionally, provided mentorship and guidance to junior engineers, assisting in understanding system intricacies, addressing queries, and offering support in the debugging process.
- Authored a comprehensive document outlining the methodology for determining whether a URL employs two-way SSL authentication. This resource serves as a valuable reference for cross-functional teams, aiding in their understanding and recognition of this skill, contributing to my professional development and expertise.

Boku inc, Mumbai, India

Software Development Engineer -1   **Sept 2021-Feb 2022**

- Developed integrations for various carriers to facilitate Direct Carrier Billing (DCB) as a payment method .Implemented diverse authentication methods, including OTP-based, Header Enrichment, and Silent MO-based, along with One-time payment and Tokenized Payment flows using Java 8, Spring, and Hibernate.
- Designed and implemented REST APIs using Java 8, Spring, and Hibernate for the DCB Carrier Project, facilitating seamless carrier operations and integration with external carrier system APIs through robust client-to-REST API communication.
- Actively participate in a rotational support team, addressing and resolving production breakouts promptly. Collaborate with business analysts to troubleshoot error scenarios, ensuring a deep understanding of issues and their root causes.
- Played a pivotal role in enabling Apple Subscriptions (Apple Music, TV+, and Apple Arcade) for multiple carriers across different countries, providing crucial support during testing phases.
- Enhanced Java application code to dynamically switch between endpoints based on the merchants for whom requests are raised, optimizing system flexibility.
- Successfully implemented wallet-based payments for Meta in the SEA region, empowering customers to utilize Meta's app and website for one-time charges.
- Facilitated and updated SLA wallets for prominent merchants like Netflix and Amazon, ensuring seamless and reliable payment processes.
- Contributed to the Pixel team, addressing SSL certificate renewals, updating error code mappings for carrier connectors in Java applications, and developing concise features for live carrier clients using Spring MVC.
- Enhanced an existing feature in an internal tool by implementing two-way SSL verification for Java applications, utilizing Angular UI and Spring backend, and integrating HashiCorp Vault for secure data management.

Oracle Financial Software Services, India

Associate Consultant Software Developer   *Aug2019* - **Sept 2021**

- Worked with State Street Global Advisors as a developer, my role is to integrate an existing desktop application codebase of ETF Basketing Process into the Charles River System & to migrate from the Scenario concept to Idealist concept.
- Assisted in the development of decoupling the monolithic application to microservices(REST) using Spring Framework and developing new screens for the Idealist Etf basket process in WPF(C#).
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks and develop efficient, reusable, reliable, and scalable software & quickly iterating on ideas.
- Migrating all Scenario concept-based services used in the ETF Basketing Process to Idealist concept and restructured the existing application using a pub sub design pattern.
- Improved Sonar Code quality by fixing sonar issues, and code smells and made the applications pass the sonar quality report from a C grade to an A grade.
- Worked in the Agile development process.Using Agile principles to run the development lifecycle for applications and services.
- Simultaneously also worked on a second project called Blotter, a desktop application that manages and logs daily order executions to commercialise financial bonds, which traders use to analyse their trading positions.
- My role currently was to summarise the data shown in the application graphically and in the form of well-ordered tables and create customisable dynamic graphs which show the sorted calculations of a user-selected order in an organized fashion.

TECHNICAL SKILLS & CERTIFICATIONS

- Programming Languages: Java,Typescript, Angular, Bash
- Databases: MySQL
- Libraries and Frameworks: Spring, Angular,Spring Boot
- Cloud Platforms: Amazon Web Services (AWS)
- Other: Git, Docker, Linux,Github,Jenkins,Kuberentes,Github Copilot,REST API,Intellij,Vscode
- **Oracle Certified Professional Java Programmer(OCPJP) -** [Certificate Link](#)   **Jul 2017**
- **Oracle Certified Infrastructure Foundations Associate -** [Certificate Link](#)   **Oct 2020**

EDUCATION

Fr Conceicao Rodgrius College of Engineering-Bandra west   **Aug 2022-May 2024**

Bachelor of Computer Engineering (BE) - 7.99

PROJECTS

Codeklutz - Tech Blog

- Deployed dynamic websites utilizing Hugo as a static site generator and automated deployments through GitHub Actions, enhancing web presence and operational efficiency.