

SHUBHAM TAWADE

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OBJECTIVE

Passionate software engineer with nearly 5 years of experience, eager to learn, adapt, and deliver innovative, impactful solutions.

EDUCATION

National University of Ireland, Galway
Masters in Information Systems Management

Aug 2021 - Sep 2022

Mumbai University
Bachelor of Engineering in Electronics & Telecommunication

Aug 2015 - May 2019

SKILLS

Frontend Skills	HTML 5, CSS 3, ES6 JS, Tailwind CSS, Angular, React JS, Jasmine, Jest, Cypress
Backend Skills	Java 17, Spring Boot, SQL, Kafka, Node JS, JUnit
Other Skills	AWS, Git, Jenkins, Docker, REST API, Jira, Confluence

EXPERIENCE

System and Software Engineer
Hewlett Packard Enterprise

Dec 2022 - Current
Galway, Ireland

- Developed a Support Assistant for HPE GreenLake's support portal, improving user engagement by 20% and enabling a seamless, context-aware experience across mobile and desktop.
- Led, UI design and architecture for chat bot using React and Grommet, achieving a 90% performance benchmark validated through Lighthouse, and implemented Cypress integration tests with 90% coverage verified via SonarQube.
- Spearheaded the integration of AWS Lex into the existing architecture, optimizing conversation flows and enabling AI-driven support automation.
- Developed a routing service using the Spring Boot framework, to efficiently direct UI requests to microservices and AWS Lex, streamlining case registration, product information retrieval, AI/ML-driven suggestions, and live agent redirection.
- Implemented a file upload component that enables users to upload logs for analysis using LLM at backend to determine the root cause of device failure. Additionally, built a feedback component integrated with the Qualtrics Survey API to extract actionable insights from user feedback.
- Mentored junior developers, fostering best practices and improving team performance through knowledge sharing, while collaborating with architects and product managers to align solutions with business and architectural standards.

System Engineer
Tata Consultancy Service

Jun 2019 - Jul 2021
Mumbai, India

- Developed and enhanced UI components using Angular 9 for adding payees and transferring funds internationally, ensuring a seamless user experience for a global online banking application with over 10 million users.
- Implemented a multi-page user form with robust validations for secure and efficient transactions, leveraging Agile methodology to deliver iterative improvements.
- Achieved 90% unit test coverage for UI components by writing Jasmine tests, ensuring code quality and compliance through SonarQube validation.

- Designed and developed a transaction reference module using Spring Boot, allowing users to generate secure references upon transaction confirmation. Ensured 90% unit test coverage by writing JUnit tests for reliability and maintainability.
- Actively participated in weekly stand-ups and contributed to user story estimation. Led UAT testing and deployment activities, ensuring seamless promotion of changes and validating end-to-end transaction flows before production release.

INTERNSHIP

Java and Android

Trivia Softwares

Jan 2018 - Apr 2018

Mumbai, India

- Developed a BMI calculator app during an Android internship using Android Studio, integrating various components to calculate BMI and generate reports shared with doctors via email.
- Built a student management application with database connectivity using Java, featuring a GUI for managing student records. Acquired a strong understanding of Java fundamentals and core concepts during a 3-month internship.

PROJECTS

- **Student Abode** - Developed a property listing application tailored for international students, featuring rent breakdowns, nearby supermarket details, and commute options to universities. Included a messaging portal for tracking conversations within the app. Built with the MERN stack and deployed on Heroku.
- **Character recognition of Devanagari script** - Developed a character recognition model to convert historical Devanagari documents into editable text using image segmentation and convolutional neural networks. The application automates text extraction, reducing manual transcription efforts.

PERSONAL PROJECTS

- Built React JS clones of Amazon, Twitter, Spotify, WhatsApp, and Discord UI.
- Additionally, built a One Page Resume Builder using React JS and Google Firebase

ACHIEVEMENTS

- [AWS Certified Developer - Associate](#)
- Developed a resizable and draggable component for chatbot in Grommet, which was selected for inclusion in the official Grommet UI library.