RAHUL REDDY PUCHAKAYALA

rahulreddyp77@gmail.com | 902-329-9922 | linkedin.com/rahul-reddyp | github.com/rahulreddyp

WORK EXPERIENCE

Canada Revenue Agency   **Vancouver, Canada**
Software Developer II   *Nov 2023 - Present*

- Led the migration from ColdFusion to Spring Boot, improving API response times by 1.5x and reducing server costs by 30%.
- Introduced automated testing strategies with Microsoft Playwright, thereby reducing post-release defects by 27%.
- Facilitated API and end-to-end testing workshops for 20+ team members, elevating proficiency and cutting manual efforts.

Software Developer I   *May 2022 - Oct 2023*

- Developed and optimized key features for a knowledge-sharing platform, including video streaming, e-learning modules, course surveys, and virtual events, using Angular and SQL Server, improving platform engagement by 25%.
- Created frontend unit tests using Jasmine and Karma, achieving 30% test coverage, and enhancing overall code reliability.
- Served as Scrum Master, driving sprint planning, retrospectives, and backlog grooming, increasing sprint efficiency by 10%.
- Analyzed end-user needs and product requirements, and created Proof of Concepts through stakeholder communication.

Uangteman Technologies Private Limited   **Hyderabad, India**
Software Developer   *Jun 2019 - Dec 2020*

- Designed responsive user interfaces with React.js, leading to a 15% improvement in user satisfaction scores.
- Reduced server load by 30% by revamping Laravel PHP backend to a microservices architecture using Spring Boot.
- Automated manual repayment settlements, reducing processing time and minimizing the cognitive load on accounting.
- Optimized MySQL database queries, reducing page load times by 10% and enhancing application performance.

EDUCATION

Dalhousie University   **Halifax, Nova Scotia**
Master of Applied Computer Science

Jawaharlal Nehru Technological University   **Hyderabad, India**
Bachelor of Technology in Computer Science Engineering

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, TypeScript, React.js, Angular, Spring Boot, Django, Node.js, Adobe ColdFusion, HTML5, CSS3

Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure

Databases: MySQL, Microsoft SQL Server, MongoDB

Other: Microservices, Docker, CI/CD, Apache Kafka, REST, GraphQL, Jenkins, Github, Jira, Azure DevOps

PROJECT EXPERIENCE

Lettuce Eat
MERN Stack, RESTful API, Heroku

- Constructed a user-friendly food ordering platform, catering specifically to established local restaurants and their target audience of students and professionals.
- Produced a comprehensive UX strategy using sitemaps, user personas, high-fidelity diagrams, wireframes, and task flows, which improved the workflow.
- Built a CI/CD pipeline using Docker, reducing deployment time by 40% and ensuring consistent and reliable releases.

SafeDeposit
AWS, GCP, Node.js, Gitlab

- Worked on serverless, scalable, on-demand data processing application leveraging a multi-cloud Backend-as-a-Service model.
- Implemented a cloud-based solution using AWS DynamoDB for account management, Lambda for event-driven processing, Lex for conversational AI, and Amplify for streamlined deployment.
- Equipped features with GCP services that include multi-factor authentication using Firebase, similarity with Vision AI, and visualization reports with Google Data Studio.