TANMAYEE KULKARNI

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SUMMARY

A product-driven software engineer with + years of experience in backend and distributed systems, adept at optimizing system performance and driving innovation. Seeking a challenging opportunity to leverage and expand skills for the maximum impact.

WORK EXPERIENCE

HSBC | Remote, United States   Aug 2024 – Present
Senior Software Engineer

- Architected and implemented three end-to-end full-stack features for the IT Service Portal within the Infrastructure Automation Platform Core team, leading to customer engagement, resulting in annual cost savings of $2M.
- Integrated a robust automation framework (API Engine) with the Service Portal, enabling centralized UI-based management of automation workflows and improving operational efficiency by 60% in SpringMVC and Scrum setup.
- Resolved critical issues across 5 complex codebases, delivering business process automation and data-driven insights, reducing over 3700 manual hours annually and deriving test cases as well using testing frameworks like JUnit.

Alltech Consulting Services | Remote, United States   July 2023 – Aug 2024
Software Engineer

- Engineered full-stack features for cloud-native applications using SpringMVC and Hibernate JPA, bringing efficiencies like a 20% reduction in feature implementation time and a significant improvement in security measures efficiency by 25%.
- Led code refactoring initiatives for legacy systems using microservices architecture and implementing distributed computational service architecture, resulting in a 0.5% increase in system resilience and improved handling of data-intensive operations.
- Leveraged expertise in Go, Typescript, and ReactJS to build REST APIs and optimized front-end components, driving user engagement and feature comprehension. Configured advanced monitoring systems to ensure robust backend performance.

Capgemini Ltd. | Mumbai, India   Oct 2018 – Aug 2021
Senior Software Engineer

- Spearheaded three end-to-end cloud project deployments in an agile environment, achieving annual cost savings of $4M.
- Revamped product design to modularize and automate legacy code bases to modern development standards with cross-functional teams, reducing time taken to perform disaster recovery operations by over 200% in an Agile setup using Terraform.
- Utilized public cloud offerings like AWS and Google Cloud to deploy scalable backend solutions in a SaaS environment, ensuring high availability and fault tolerance. Enhanced user experience with responsive UI elements in NodeJS by 2x the previous model.
- Collaborated with cross-functional stakeholders, including product managers, and designers to enhance UX of 12 workflow modeling nodes in AngularJS, emphasizing page load time and ensuring code readability through meticulous code reviews.

SKILLS

Languages & Frameworks: Python, Java/J2EE, Go, SQL, Javascript, Spring Boot, JSON, XML
Tools and Libraries: RESTful Web Services, AngularJS, JUnit, Apache Kafka, TensorFlow
Cloud and CI/CD: Google Cloud Platform, AWS (EKS, S3, DynamoDB), Ansible, Prometheus, Jenkins, Docker, Kubernetes, GitHub
Database: MySQL, OracleDB, MongoDB, PostgreSQL, NoSQL
Other: IaaS/SaaS, JIRA, Scrum/Kanban, Microservices, TDD/BDD, Agile, Splunk GUI, Distributed Systems, SDLC, ServiceNow, SOA
Certification: SAP BusinessObjects Access Control 10.0 – Global Certification

LEADERSHIP EXPERIENCE

Association of Computer Engineering Society Of India   Aug 2016 - May 2018
Vice-President

- Responsible for representing the committee at various technical forums across the nation, thereby engaging membership by 60%.

EDUCATION

Binghamton University - The State University of New York, United States   May 2023
Master of Science in Computer Science

Savitribai Phule Pune University, Pune, India   May 2018
Bachelor of Engineering in Computer Engineering