NAMAN SHRIMALI

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SUMMARY

A Java Full-Stack Developer with 2+ years of professional experience in designing, developing, and managing robust and scalable applications in BFSI and Retail Industry.

TECHNICAL SKILLS

Languages	:	Java, Python, TypeScript, JavaScript (ES6), Dart, Ruby, HTML, CSS
Frameworks	:	Angular, ReactJS, Flutter, Node.js, Spring Framework
Databases	:	SQL (PostgreSQL, DB2), NoSQL (MongoDB, Cassandra, HBASE, DynamoDB)
Tools	:	Azure, AWS, Git, Docker, Kafka, RabbitMQ, Heroku, Jenkins, Maven, NPM, Tomcat/Nginx, Swagger

PROFESSIONAL EXPERIENCE

Software Development Engineer   Feb 2023 – Present
Amazon Web Services, Seattle, WA

- Designed and developed a java-based load generator package that mimics production traffic on Amazon Kinesis, SQS test stacks.
- Introduced several alarms, triggered when production system usage crosses certain threshold, raising sev-2s to on-call employees

Full Stack Developer Intern   May 2022 – Aug 2022
Credible Labs, Durham, NC

- Introduced design patterns and configuration structuring on Ruby on Rails service that reduced lender onboarding time to 7 days.
- Created a custom ReactJS theming component which conditionally generated CSS variables to be read by all components, eliminating the need to create a new stylesheet or class designation for every theme.

Part Time Research Assistant   Jan 2022 – Dec 2022
North Carolina State University, Raleigh, NC

- Transformed peer reviewing by transitioning from generalized to Role-Based Reviewing, allowing role-specific peer evaluation.
- Increased performance by 14% and modernized an 8-year-old system by migrating to Rails 6, Ruby 3 with no functionality affected.
- Progressively refactored and mentored 32 open-source contributors, bumping test coverage by 29% and code quality by 34%.

Full Stack Developer   Nov 2019 – Jul 2021
IBM India Private Limited, Hyderabad, India

- Built reusable components on Angular and RESTful Microservices on Spring Reactive for asynchronous order transactions for Albertsons Companies, Inc - Schedule and Save.
- Ensured Test-Driven Development (TDD) with 90%+ test coverage by developing automated component and integration testing framework built on JUnit5, Mockito, MockWebServer and SonarQube, maintained technical documentation for the same.
- Designed and implemented automated error handling and retry mechanism on transient system failures, achieving 95% service availability and curbed the service error rate to less than 2%.
- Achieved 13% reduction in service response time by introducing cache replication and persistence with EHCache and Redis.

PERSONAL PROJECTS

Spryly   *Open-source work management web app with live Kanban board for team collaboration*   Jun 2021

- Developed mobile-friendly web-app in Angular, NPM Packages, Redux for state management with 80% coverage with Karma tests.
- Built microservices on Spring Boot, NodeJS, used RabbitMQ for asynchronous messaging, PostgreSQL, DynamoDB for databases.
- Secured services with Spring Security, Google OAuth2, JWT integrated on Spring API Gateway, load balanced with Netflix Ribbon.
- Containerized services using Docker, deployed application on AWS EC2, automating entire deployment process using Gitlab CI/CD.

MoneyMoney   Mar 2023 – Present

- A mobile application that divides long term and short-term goals into daily tasks, schedules them and syncs with google calendar. Built with Flutter, Dart, Spring Reactive, deployed on AWS Elastic BeanStalk.

Leetrecur   Feb 2022

- A Chrome Extension (5 stars, 500+ active users) that provides automated tracking for LeetCode submissions and schedules revision based on user's proficiency. Built with ReactJS, TypeScript, jQuery.

EDUCATION

Master of Science in Computer Science   Aug 2021 – Dec 2022
North Carolina State University, Raliegh, NC   *GPA: 3.93*

Bachelor of Technology in Computer Science   Aug 2015 – May 2019
Rajasthan Technical University, Jaipur, India

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Deep Learning Specialization - deeplearning.ai