

# Naman Shrimali

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## 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. Currently pursuing master's in computer science and working part-time as a Research Assistant at NC State University.

## TECHNICAL SKILLS

Languages:	Java, Python, TypeScript, JavaScript (ES6), Ruby, HTML, CSS
Frameworks:	Angular, ReactJS, Flutter, Node.js, Spring Framework (Boot, Reactive, Cloud, Security), Ruby on Rails
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

- Full Stack Developer Intern, Credible Labs, Durham, NC** May 2022 – Present  
*Credible's online marketplace offers consumers to compare and refinance loans, mortgages, and other financial products from lenders.*
  - 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, North Carolina State University, Raleigh, NC** Jan 2022 – Present  
*Assisting research focused on improving Peer Assessment System - [Expertiza \(Open Source\)](#), while officially maintaining the system.*
  - Built adaptor **gems** to integrate NLP that filters pejorative, unhelpful reviews, summarize useful ones, and performs automatic tagging.
  - Transformed peer reviewing process by transitioning from generalized to [Role-Based Reviewing](#) to allow skill-specific peer evaluation.
  - Increased performance by **14%** and modernized an 8-year-old system by migrating to **Rails 6, Ruby 3** without affecting any functionality.
  - Progressively refactored and **mentored** 32 open-source contributors, which bumped test coverage by **29%** and code quality by **34%**.
- Full Stack Developer, IBM India Pvt. Ltd., Hyderabad, India** Nov 2019 - Jul 2021
  - Albertsons Companies, Inc - Schedule and Save:** *Lets shoppers place recurrent orders automatically.*
    - Built reusable components on **Angular** and RESTful Microservices on **Spring Reactive** for asynchronous order transactions.
    - 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.
    - Automated deployment with **Jenkins CI/CD** that performed builds, integration tests, sonar scan, and deployment on **Azure VMs**.
  - Westpac – Cards and Payments:** *Upfront customer background verification for Covid Relief.*
    - Reduced at-least **30%** FTE by dashboarding customer's verified income and expenses data with **Spring Boot** service and **HBASE**.
    - 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](#)** - An **open-source** work management web application that facilitates team collaboration on live Kanban board Apr 2021- 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**, and **DynamoDB** for databases.
  - Secured services with **Spring Security, Google OAuth2** and **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**.
- [LeetRecur](#)** - A **Chrome Extension (5 stars, 370+ active users)** that provides automated tracking for LeetCode submissions and schedules revision based on user's proficiency. Built with **ReactJS, TypeScript, jQuery**. Feb 2022
- [Advance](#)** - 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**. Jul 2022 - Present

## EDUCATION

- Master of Science in Computer Science Aug 2021 - Dec 2022  
North Carolina State University, Raleigh, NC **GPA: 4.0/4.0**
- Bachelor of Technology in Computer Science Aug 2015 - May 2019  
Rajasthan Technical University, Kota, India

**Related Coursework:** Design and Analysis of Algorithms, Introduction to Artificial Intelligence, Object Oriented Design and Development, Neural Networks, Database Management Systems, Engineering Statistics

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals ([Badge](#)) Apr 2021
- Deep Learning Specialization - deeplearning.ai ([Badge](#)) May 2019