

# Nimeesh Bagwe

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## PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building distributed backend systems (Java, .NET, Spring Boot) and modern UIs (React, Angular, Node.js) that processed millions of daily financial transactions. Improved transaction latency, accelerated deployments with CI/CD automation, and enhanced UX responsiveness on high-traffic platforms.

## EDUCATION

### Syracuse University

*Master of Science in Computer Science*

Aug. 2023 - May 2025

*Syracuse, NY*

### University of Mumbai

*Bachelor of Engineering in Information Technology*

June 2016 - Oct. 2020

*Mumbai, India*

## TECHNICAL SKILLS

**Programming Languages** - Java, C#, JavaScript, TypeScript, Python, SQL

**Frameworks & Libraries** - Spring Boot, .NET Core, React.js, Node.js, Redux, Context API, jQuery

**Testing & QA** - JUnit, Mockito, Postman, Maven

**Tools & Databases** - PostgreSQL, MongoDB, MySQL, Appwrite, Mongoose, Multer

**DevOps/Cloud** - AWS (EC2, S3, Lambda), Docker, Kubernetes, Jenkins, GitHub Actions

**Development Practices** - Microservices, RESTful APIs, JWT, CI/CD, MVC, Agile/Scrum, OOP, Distributed Systems

**Operating Systems & Scripting** - Linux, Bash, Windows, PowerShell

## EXPERIENCE

### Software Developer Intern

*Syracuse University*

June 2025 - Present

*Syracuse, NY*

- Engineered an AI-driven content platform using Next.js and TypeScript, enhancing frontend responsiveness by 30% and increasing user adoption through iterative feedback cycles.
- Automated PostgreSQL schema deployments with GitHub Actions, reducing release errors by 30% and cutting deployment time by 25%, accelerating feature delivery in a cloud-native environment.

### Software Engineer

*Tata Consultancy Services - Client: Bank of America*

Nov. 2020 - July 2023

*Mumbai, India*

- Engineered distributed .NET APIs processing 10M+ daily financial transactions, removing peak-time bottlenecks and cutting transaction latency by 20%, enabling real-time scalability for enterprise banking systems.
- Increased API throughput by 20% by implementing asynchronous processing and optimizing service logic, enabling real-time execution of high-volume financial transactions.
- Modernized trading UIs with Angular and jQuery, enhancing responsiveness, improving cross-browser performance, and delivering a 25% increase in engagement across 50K+ daily users.
- Migrated a legacy monolith into .NET Core microservices, reducing deployment time by 40% and cutting long-term maintenance costs through improved scalability and modularity.
- Defined cross-team schema contracts that reduced API rework by 15% and accelerated delivery of new financial products.

## PROJECTS

### BlogSphere – Blog Platform | *Portfolio Project*

April 2025

- Built BlogSphere, a React SPA with Redux Toolkit, reducing render latency by 30%, improving component reuse for scalability, and streamlining feature development with modular UI architecture.
- Automated Appwrite backend provisioning, cutting setup time by 40% and accelerating iteration cycles

### CreatorSpace – Video Sharing Platform | *Portfolio Project*

Feb. 2025

- Built a full-stack video sharing app with React, Node.js, and MongoDB, optimizing media performance via asynchronous image workflows and aggregation pipelines
- Reduced backend API load by 40% with async media workflows and optimized responsiveness to scale thousands of concurrent video uploads

### Trello-Inspired Task Manager – Backend System | *Academic Project*

Dec. 2024

- Designed a Spring Boot backend simulating enterprise-grade workflows, applying microservices patterns to improve modularity, scalability, and maintainability while enabling seamless feature extension.
- Achieved 90% unit test coverage with JUnit + Mockito, reducing defects in enterprise-scale simulation.

## LEADERSHIP & TEAM EXPERIENCE

- Supervised 8–10 staff in a fast-paced environment, improving workflows and enhancing customer satisfaction.
- Directed logistics and execution of a 500+ attendee Sports Festival, coordinating guest relations and managing event staff.