

PRATEEK GUPTA

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WORK EXPERIENCE

Software Developer(SDE) 07/2024 - Present

BNY Chennai, India

- Designed and implemented RESTful APIs, improving data retrieval speed by 30%, enabling real-time content delivery.
- Built and optimized modular microservices, reducing system downtime by 20% and improving scalability of the application.
- Led migration projects for Java (v17 → v21) and Angular (v14 → v16), enhancing application performance and security compliance.
- Developed unit and integration tests using Mockito/JUnit, increasing code coverage to 85% and reducing defects during production by 25%.
- Enhanced system stability by resolving vulnerabilities and bugs, achieving zero critical security incidents post-release.

Winter Intern 01/2024 - 06/2024

BNY Chennai, India

- Designed and implemented RESTful APIs to support dynamic content delivery. Gained hands-on experience with CI/CD pipelines, Docker, and Mockito for JUnit testing.
- Developed and optimized microservices to improve scalability and system performance.

Summer Intern 06/2023 - 07/2023

BNY Chennai, India

- Built RESTful APIs using Spring Boot and Angular for real-time data delivery. Contributed to migration projects upgrading Java from 11 to 17 and other frameworks.
- Enhanced application security and maintainability through bug fixes and vulnerability remediation.

EDUCATION

Bachelor of Technology in Computer Science(CSE) 08/2020 - 05/2024

The LNM Institute of Information Technology

GPA | **7.48** / 10

12th Grade 04/2019 - 06/2020

Tilak Public School

10th Grade 04/2017 - 06/2018

Tilak Public School

SUMMARY

B.Tech graduate in Computer Science and Engineering with strong expertise in Java, Spring Boot, and Angular. Experienced in building scalable applications, designing RESTful APIs, and implementing CI/CD pipelines. Proficient in JUnit testing (Mockito), Docker, and debugging for high-performance applications. Passionate about delivering innovative solutions and learning emerging technologies.

SKILLS

Language and Frameworks: Java, Springboot, Angular, C++

Testing & Tools: Mockito, JUnit, Git, GitHub, GitLab, Postman, Insomnia,

DevOps & Deployment: CI/CD Pipelines, Docker

Other Skills: Data Structures & Algorithms, DBMS, Operating Systems, Confluence, Jira, Software Development Lifecycle, Agile environment, Microservices, Object Oriented Programming(OOPs)

PROJECTS

Report Center

01/2024 - 01/2025

- Developed a full-stack reporting platform using Angular, Spring Boot, and Oracle DB.
- Delivered trading investment reports in text, PDF, and HTML formats.
- Implemented features for clients to generate and download reports on daily, weekly, or monthly basis with automated cleanup after 30 days.