

SRASHTI GUPTA

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EDUCATION

Northeastern University

Boston, MA

Master of Science in Computer Science; GPA: 4.0/4.0

Expected: May 2027

- Relevant Coursework: Database Management Systems, Programming Design Paradigm, Algorithms
- Seeking Summer 2026 Software Engineering Internship; Available May - August 2026

Banasthali Vidyapith

Rajasthan, India

Bachelor of Technology in Information Technology

May 2019

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, SQL, Groovy, Shell Scripting

Frameworks: Spring Boot, Spring Data JPA, Spring Security, Spring Cloud, Hibernate, React, JUnit, Mockito

Databases: PostgreSQL, MySQL, MongoDB, Redis, Oracle

Cloud & Tools: AWS (S3, EC2, Lambda, RDS), Docker, Kubernetes, Jenkins, Maven, Gradle, Git, Swagger/OpenAPI

Messaging: Apache Kafka, RabbitMQ, AWS SQS

Monitoring: Splunk, SonarQube, JaCoCo, Harness

Concepts: Microservices, RESTful APIs, Design Patterns, CI/CD, TDD, Event-Driven Architecture, System Design

EXPERIENCE

Senior Analyst II

Feb 2023 - Jul 2025

NAB Global Innovation Center India

Gurgaon, India

- Optimized 20+ RESTful APIs processing 1M+ daily requests, reducing latency by 35% through database indexing, Redis caching, and OAuth 2.0/JWT authentication implementation
- Led Java 8 to Java 17 migration for 20 critical microservices, implementing modern language features and security protocols; received STAR Award for technical excellence
- Designed dashboard POC automating deployment tracking for 20+ teams, increasing monitoring visibility by 80%; earned SPOT Award for innovation
- Enhanced system observability through Splunk dashboards and critical alerts, reducing Mean Time to Detection by 30%
- Mentored 5 junior engineers on microservices architecture and TDD, increasing team velocity by 15% while maintaining 92% code coverage

System Engineer

Apr 2021 - Dec 2022

IBM India

Gurgaon, India

- Designed microservices solution using PostgreSQL and Groovy, improving performance by 45% through Circuit Breaker and Saga patterns
- Developed automated CI/CD pipelines using Jenkins and Docker, reducing deployment time by 40%
- Built responsive React UI with Spring Boot backend, increasing user engagement by 40%

Software Engineer

Jan 2019 - Mar 2021

Capgemini Engineering

Gurgaon, India

- Developed scalable microservices application for global client, resolving performance bottlenecks through profiling; received Team Excellence Award
- Executed comprehensive testing using TestNG and Mockito, achieving 98% code coverage
- Built RESTful services with H2 database, optimizing SQL queries to reduce data retrieval time by 30%

PROJECTS

Pathshala - Interactive Q&A Platform | Java, Spring Boot, JSP, PostgreSQL, JavaScript

2018

- Designed full-stack Q&A platform with role-based authentication supporting 1,000+ concurrent users using Spring Boot and WebSockets, increasing engagement by 45%

Algorithm Optimization Framework | Java, Python, C++

2023

- Implemented 15+ algorithms including Dijkstra's shortest path, AVL trees, and Dynamic Programming with Big-O complexity analysis