

# SHIVAM GUPTA

+91-7700089592 | ampta77000@gmail.com | [www.github.com/Ampta](https://www.github.com/Ampta)

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## ACADEMICS

Karmaveer Bhaurao Patil College, Vashi  
Bachelor of Science (Computer Science)  
CGPA of **9.20**

Navi Mumbai, MH  
2021 - 2024

BN. Bandodkar College of Science, Thane  
HSC (Science) 10+2  
Passed with **63.54%**

Navi Mumbai, MH  
2018 - 2019

SSC (10)  
Passed with **71%**

Navi Mumbai, MH  
2016 – 2017

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## TECHNOLOGY STACK

Programming Languages: Java

Frameworks & Libraries: Spring Boot, Spring Boot JDBC, Spring Boot Security, GSON, Lombok, Sonar Lint

RSETful APIs: JSON, CURL, Postman

Database: MySQL (RDS)

Version Control Systems: Git, BigBucket, SourceTree

Build Tools: Maven

Server: Tomcat

Cloud Platforms: AWS, EC2, RDS, SecretManager

IDEs: Eclipse, DBEaver, MobaXterm, Redis

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## PROJECTS

### Payment Validation Service (Restful API)

- Designed and implemented a modular validation framework for secure and efficient payment processing.
- Built and enforced key business validation rules, such as duplication processing and payment attempts.
- Secured the application with HmacSHA256 and integrated Spring Security.
- Utilized Redis for optimized caching and performance.
- Developed comprehensive error handling mechanisms with custom error codes and Spring exception handling.
- Worked AWS services like EC2, RDS.
- Technologies Used: Spring Boot, Java, MySQL, Redis, Spring Security, HmacSHA256, AWS.

### Central-Shops API (Spring boot, MySQL, Postman)

- Backend: Created API endpoints with Spring Boot for managing Product, Category and Images using various HTTP methods.
- Testing: Utilized Postman to test all API endpoints and created Postman collections for Product, Category and Image.
- Technologies Used: Spring Boot, Spring Boot annotations, Maven, JPA, Postman, JSON.

### **Console Banking System** (Core Java)

- Core Functionality: Developed features for creating and managing banks, branches, and accounts, including balance inquiries and transaction history.
- Proficiency: Demonstrated Java programming skills and efficient data handling using POJOs and ArrayLists.
- Technologies Used: Core Java, POJO, ArrayList.

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## **WORK EXPERIENCE**

**Java Developer Intern | HulkHire Tech, Hyderabad** (11/2024) – (12/2024)

### **Core Payment Integration System:**

- Developed a secure and scalable payment system for our e-commerce client.
- Built core Payment Validation & Payment Processing system utilizing Spring Boot for rapid development, with microservices architecture, and hosted on AWS.
- Worked in Agile team to effectively contribute to Design and development of Validation Framework, building end-to-end error handling system, securing the application with HmacSHA256 & Spring Security, building Field & Business Validations Rules.
- Building Payment Status Management, REST APIs & applied Spring Boot JDBC with MySQL. Strong debugging & problem solving skills.
- Awarded **STAR Performer of the Month** for timely task delivery and supporting sprint deadlines

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## **CERTIFICATIONS**

**Spring Boot 2 Fundamentals** | Infosys Springboard

- Key Learnings: Gained foundational knowledge of Spring Boot, including Spring Core, Spring MVC, Spring Data, Spring Security, and building REST APIs.

**Building Web Applications with Java Spring Boot** | Alison

- Key Learnings: Mastered concepts such as Inversion of Control (IoC), Dependency Injection, Lombok, Maven, HTTP Methods and Status Codes, H2 Database, Tomcat Server, and using REST clients.

**Backend Development Course** | Physics Wallah

- Key Learnings: Acquired hands-on experience with backend technologies, including Node.js, Express, REST APIs, MongoDB, and Postman, to design and develop scalable web applications.