

Deepak Kumar Gupta

Innovative Java Developer with extensive experience in building FinTech solutions at NPCI, contributing to projects like NETC, IMPS, and OVOT. Awarded for exceptional work on backend reports and performance in coding competitions, I specialize in REST APIs, Spring Boot, Microservices, and database optimization. Passionate about leveraging technology to deliver impactful, scalable solutions.

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EDUCATION

International Institute of Information Technology Hyderabad (IIITH)

PG Certification Program in Advanced Full Stack Development

June 2023 - April 2024

BSA College of Engineering & Technology , Mathura

B. Tech, Computer Science and Engineering; CGPA: 8.79

July 2018 - June 2022

SKILLS SUMMARY

- **Languages:** Java (Core Java, JUnit, Mockito), SQL, JavaScript, HTML, CSS, C.
- **Frameworks:** Spring Boot (Microservices, REST APIs), JSP, React.js, AngularJS, Express.js.
- **Tools:** Git, GitHub, GitLab, Kafka.
- **Platforms:** Eclipse, Visual Studio Code, Linux.
- **Databases:** Cassandra, PostgreSQL, MySQL, Redis, Database Management System (DBMS).
- **Soft Skills:** Problem solving, Communication, Collaboration.
- **Other Skills:** Object-Oriented Programming (OOP), Data Structures and Algorithms.

WORK EXPERIENCE

Associate - Online Application Design and Development

National Payments Corporation of India (NPCI) | September 2023 - Present

- Designed and developed REST APIs using **Spring Boot**, significantly improving system performance, and reducing response times by 25%.
- Contributed to critical projects like **OVOT**, **PAYTM Tag Closer**, and **GNSS**, increasing system reliability and efficiency by resolving bugs and optimizing workflows.
- Enhanced database performance with **CASSANDRA** optimizations, achieving a **20% reduction in query load time**, improving data retrieval speed.
- Led the resolution of over 50+ **Sonar**, **Check Marx**, **CPD**, and **PMD** code quality issues, improving security and code maintainability.
- Received a **Performance Excellence Badge** for successfully solving advanced coding challenges in NPCI's internal competition, demonstrating technical expertise in problem-solving and optimization.

Graduate Engineer Trainee

National Payments Corporation of India (NPCI) | July 2022 – September-2023

- Developed REST APIs for various online applications, improving system functionality and user experience in **Linux** and **Unix** environments.
- Automated workflows using **shell scripts**, leading to a 15% increase in operational efficiency and reducing manual intervention in routine processes.
- Participated in Agile methodologies, collaborating in sprints and stand-ups, delivering key features, and improving project delivery timelines by 10%.
- Played a key role in the **NATGRID** and **TMCC** system development.
- Optimized backend services using **Spring Boot** and **CASSANDRA**, improving system scalability, and reducing service latency, enhancing overall system performance.

PROJECTS

Biometric Based Cardless ATM (Academic Project)

- I developed this web based project using java jsp, servlet, JQuery, javascript, xml, ajax.
- In this project I try to improve existing ATM software by providing more security using authentication by customer biological data, retrieve at the time of transection with Aadhar database and also easy login, without card.
- In this project I use two factor authentication, first is OTP matching after that user is authenticated by their biometric like face recognition

Grievances Management System

- I developed GMS using PHP for handling grievances queries of students as well as teachers , online.
- Frist user register them self for grievances send to Director.
- HOD can reply or forward students problem to Director for director reply.

CERTIFICATES

Python(Microsoft)

- Starts from the basics of Python, Object-Oriented Programming, and data structures. It also covers advanced topics such as data visualization, statistical tools, and Artificial Intelligence (AI) / Machine Learning (ML) algorithms.

Java (Basic HackerRank)

- Demonstrated proficiency in core Java concepts including object-oriented programming (OOP), control structures, data types, and basic algorithms. Verified problem-solving skills in Java through coding challenges on Hacker Rank.