

# GAURAV MISHRA

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## PROFESSIONAL SUMMARY

Java Backend Developer with 2.9+ years of experience in building enterprise-scale applications using Java, Spring Boot, and Spring Security. Experienced in RESTful API development, MySQL and PostgreSQL database operations, debugging, unit testing, and version control using TortoiseSVN, with a proven ability to deliver scalable, high-performance backend solutions.

## EXPERIENCE

### National Informatics Centre

December 2024 – Present

#### Software Developer

- Contributed to **Java** and **SpringBoot** based backend development for enterprise-grade government **applications, operating on large-scale, real-world production data**.
- Collaborated with **HCL Technologies** to integrate **AI-powered REST APIs**, enhancing automation, data processing accuracy, and intelligent decision-making capabilities within enterprise applications.
- Implemented secure RESTful API integrations for AI services, leading to a **40% reduction in manual operational effort** and measurable improvement in application efficiency.
- Ensured authentication, authorization, and error handling standards for external API consumption, improving overall system stability and quality.
- Designed and optimized complex SQL workflows and **PostgreSQL stored procedures/functions**, improving reporting turnaround time by 30% and reducing database execution latency by 25–35%.
- Managed SVN version control, including branching, merging, and conflict resolution, enabling smoother deployments and reduced integration issues.

**Tech Stack:** Java, Spring Boot, Spring Security, OOPs, REST APIs, PostgreSQL, SVN.

### AVSG Info Systems Pvt. Ltd.

April 2023 – November 2024

#### Software Developer

- Developed robust backend applications using Java and Spring Boot, implementing advanced OOP concepts and design patterns.
- Designed and implemented RESTful APIs facilitating seamless integration between frontend and backend systems
- Worked on **GPS Tracking and Tracing modules**, handling real-time location data processing, storage, and retrieval for monitoring and reporting purposes.
- Integrated GPS data with backend services to support **route tracking, live status updates, and historical movement analysis**.
- Conducted comprehensive debugging and testing using IDEs, resolving critical issues and improving system performance by 20%.
- Implemented unit testing frameworks using JUnit and Mockito, ensuring application stability and code quality.

**Tech Stack:** Java, Spring MVC, Spring Security, OOPs, REST APIs, PostgreSQL, MySQL.

## TECHNICAL SKILLS

**Tech Stack:** Java, SpringBoot, Spring Security, MySql, PostgreSQL, RESTful APIs, JSP, BootStrap, Junit, Mockito, Docker, TortoiseSVN

## CERTIFICATION

- Spring Boot with Advanced Java** – Precursor Info Solution
- Core Java** - Precursor Info Solution.
- Enhancing Soft Skills & Personality** – NPTEL

## EDUCATION

### Bachelor of Technology in Computer Science Engineering

July 2023

Dr. A.P.J. Abdul Kalam Technical University (AKTU)

## PORTFOLIO AND PROFILES

**LinkedIn:** <https://www.linkedin.com/in/gaurav-mishra-java>