Raghvendra Pratap Singh

rpsingh09mar@gmail.com — +91 7975708861

[LinkedIn](#) — [GitHub](#) — [Website](#)

EDUCATION

Visvesvaraya Technological University   Karnataka, India
Computer Science and Engineering, GPA: 7   *June 2021 – August 2023*

SKILLS SUMMARY

Languages: Java, Python, SQL
Frameworks: Spring Boot, Pandas, NumPy, Scikit-learn, Matplotlib
Tools: AWS, Docker, Kubernetes, Git, GitHub, Kafka
Platforms: PyCharm, Jupyter Notebook, VS Code, IntelliJ IDEA
Soft Skills: Rapport Building, Stakeholder Management, People Management, Communication

Experience

Software Engineer — 2.4 Years
Companies: The Scalers, Incedo, HGS

- Developed RESTful APIs using Spring Boot, handling high-throughput requests in scalable microservices.
- Refactored legacy codebases to modern Java (Java 17+), improving performance and maintainability.
- Implemented efficient data access layers using Spring Data JPA with MySQL and Oracle DB.
- Designed background job schedulers using Spring Scheduling and Quartz for data synchronization.
- Participated in high-level system design discussions, following SOLID principles and design patterns.
- Wrote comprehensive JUnit and Mockito tests, achieving 90%+ test coverage on core modules.
- Created CI/CD pipelines using GitHub Actions and Docker for test + production environments.
- Mentored junior developers, conducted code reviews, and engaged in pair programming.
- Improved performance using caching and rate-limiting techniques.
- Collaborated with QA and Product teams for sprint planning, demos, and production release sign-offs.

Projects

College Timetable Automation System   *Spring Boot, MongoDB, Docker, AWS*
Designed and deployed a cloud-native system to automate timetable generation for colleges. Integrated REST APIs, Swagger documentation, and deployed on AWS EC2 with MongoDB Atlas.

Warehouse Picklist Processor   *Java, Spring Boot, JSON Processing, MongoDB*
Built a backend service to process and store picklist data for multi-location warehouses. Used nested JSON parsing, MongoTemplate queries, and implemented batch processing logic.

Trading Strategy Backtester (POC)   *Python, Pandas, Matplotlib*
Created a prototype for testing technical indicators like RSI and Moving Averages over historical price data. Focused on strategy performance and visualization.

Portfolio Website   *HTML, SCSS, JavaScript, GitHub Pages*
Designed and developed a responsive personal portfolio to showcase projects, resume, and contact info. Integrated Devicons, SCSS, and deployed via GitHub Pages.

CERTIFICATES

Full Stack Development Program (TalentSprint, IIT Hyderabad)   *2020*
Completed Java development, Spring Boot, MySQL, React, Docker, and CI/CD deployment practices.

Oracle Java Foundations Certification (Oracle University)   *2025*
Validated foundational Java skills — including OOP, classes, data types, and control flow structures.