Priyanshu Singh

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Summary

- Results-driven Software Developer proficient in Java, Flutter, Spring Boot, and SQL, with experience building scalable applications, RESTful APIs, and cross-platform mobile apps.
- Skilled in backend development, API integration, and cloud computing, with a strong focus on performance optimization and automation.

Education

United Institute of Technology, Prayagraj — B.Tech in Computer Science   2021 – 2025
Kumudlata Convent School, Prayagraj — 12th Standard (CBSE)   2020 – 2021
Army Public School, Prayagraj — 10th Standard (CBSE)   2018 – 2019

Experience

Cloud Intern, HawksCode Softwares Pvt. Ltd., Jaipur   Jul 2024 – Aug 2024

- Automated cloud provisioning tasks with scripts, reducing setup time by 30%.
- Configured VPNs and secure tunnels between AWS and on-premise environments; improved network throughput by 20%.
- Assisted in deploying scalable microservices with Docker containers for internal tools.

Skills

Languages: Java, C, Python, SQL, Dart, HTML, CSS
Frameworks/Libraries: Spring Boot, Flutter, REST APIs, Microservices
Tools: Git, GitHub, VS Code, IntelliJ
Cloud/DevOps: AWS, GitHub Actions
Databases: MySQL
Soft Skills: Problem-solving, Communication, Collaboration, Time Management

Projects

Inventory Management System   GitHub

- Engineered a full-stack application using Flutter and Spring Boot with real-time updates.
- Designed and consumed REST APIs with MySQL backend, achieving 35% faster inventory processing.
- Implementing modular microservices to enable seamless scalability and cloud deployment.

ATM Simulation (Java)   GitHub

- Built a Java-based ATM system handling authentication, balance checks, transactions, and error handling.
- Simulated 10,000+ test transactions using custom test cases; enhanced fault-tolerance with exception handling.

Calculator Application   GitHub

- Developed a responsive Java calculator with advanced operations, memory management, and GUI design using Swing.
- Refactored codebase using OOP principles, resulting in a 40% reduction in code duplication.

Certifications

- Flutter Development – Udemy
- Core Java – United Institute of Technology
- Python Programming – United Institute of Technology
- OOP in Java – Great Learning
- Cloud Computing – HawksCode
- Blockchain Developer – Simplilearn (SkillUP)