Sudeep Nandyal

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Professional Summary

Entry-level **Java Full Stack Developer / Software Engineer** with hands-on experience in Core Java, SQL, Spring Boot, and RESTful web services. Skilled in building scalable backend systems and responsive web applications using HTML, CSS, and JavaScript. Passionate about writing clean, maintainable code and contributing to real-world software development projects.

Education

Bachelor of Engineering in Computer Science — 2025
Poojya Doddappa Appa College of Engineering, Kalaburagi — VTU

Pre-University (PUC) — 2021
Shree Guru Independent PU College of Science — Karnataka

SSLC — 2019
Sri Sathya Sai Saraswati Vidyaniketanam Boys High School — Karnataka

Technical Skills

Programming Languages	Java, C/C++, Python, SQL, PL/SQL .
Web Technologies	HTML, CSS, JavaScript, React JS .
Frameworks & APIs	JDBC, Hibernate, Servlets, Spring Boot, REST APIs
Databases	Oracle SQL, MySQL
Developer Tools	VS Code, Eclipse, Git
Software Engineering	SDLC, Development, Debugging, Troubleshooting
Core Concepts	Object-Oriented Programming, Data Structures and Algorithms
DevOps (Familiar)	CI/CD, AWS, Linux, Jenkins, Docker, Kubernetes
Soft Skills	Problem Solving, Analytical Thinking, Communication, Time Management, Teamwork, Adaptability

Experience

Software Trainee – Java Full Stack Developer — Jun 2025 – Dec 2025
JSpiders, Rajajinagar — Bengaluru, India

- Developed full-stack web applications using Java, Spring Boot, REST APIs, HTML, CSS, and JavaScript.
- Implemented backend business logic using JDBC and Hibernate (ORM) and created RESTful APIs tested via Postman.
- Designed and optimized relational databases using SQL and PL/SQL, including schema creation, joins, and performance tuning.
- Collaborated in team-based projects using Git for version control, debugging issues, and adhering to clean coding standards.

Projects

Age and Gender Detection Using Python

- Built a real-time age and gender prediction system using Python, OpenCV, and pre-trained CNN models.
- Achieved **93% gender accuracy** and **82–85% age-group accuracy** on live webcam data.
- Optimized frame processing using OpenCV DNN, achieving 30+ FPS and reducing latency by 20–25%.

AI-Driven Health Appointment & Prescription Management System

- Designed and implemented 20+ secure REST APIs using Spring Boot and MySQL with role-based access control.
- Developed an AI-driven prescription recommendation engine with 85–90% accuracy for symptom-based medicine suggestions.
- Improved backend performance by 40% through optimized JPA queries and enhanced system responsiveness.

Certifications

- Java – HackerRank
- SQL – HackerRank
- Introduction to IoT – NPTEL
- Software Engineering – JPMorgan Chase – Forage

Coursework & Areas of Interest

Coursework: Object-Oriented Programming, Data Structures and Algorithms, RDBMS
Areas of Interest: Java Developer, Backend Development, Software Engineering, Database Systems