Bandaru Madhan

Java Developer — Spring Boot — MySQL — REST APIs

madhan2you@gmail.com | +91-8919602052 | linkedin.com/in/madhan-bandaru | github.com/madhanbandaru

PROFESSIONAL SUMMARY

Fresher Java Developer with hands-on experience in building full-stack web applications using Spring Boot, JSP, and MySQL. Skilled in developing REST APIs, integrating databases, and applying OOP principles to solve real-world problems. Passionate about clean code, backend development, and learning new technologies to build scalable solutions. Quick learner and team player ready to contribute to production-level projects.

TECHNICAL SKILLS

– **Languages:** Java (Core, Advanced), Python, C

– **Frontend:** HTML5, CSS3, JavaScript (ES6+), JSP

– **Backend:** Spring Boot, RESTful APIs

– **Database:** MySQL, DBMS (Joins, Indexing, Normalization)

– **Tools:** Git, GitHub, Postman, Eclipse, IntelliJ, VS Code

– **Concepts:** OOP, MVC, Exception Handling, Unit Testing, Agile

– **Cloud/IoT:** AWS IoT (Basics), NodeMCU, CI/CD

PROJECTS

- **Resume Builder Web App**   *Mar 2024 – Apr 2024*
  Spring Boot, JSP, MySQL

  – Developed a secure resume-builder with login functionality and CRUD backend using Spring Boot.

  – Designed user-friendly JSP frontend with responsive design and PDF generation.

  – Connected backend to MySQL database and deployed on Apache Tomcat.

- **IoT Smart Traffic Control System**   *Jan 2023 – Mar 2023*
  Python, NodeMCU, AWS IoT

  – Built a smart traffic system using gas sensors and NodeMCU for real-time data capture.

  – Connected system to AWS IoT dashboard for live analytics and alerts.

  – Reduced simulated traffic delays by 35% using rule-based control logic.

EDUCATION

– **B.Tech – ECE:** Sri Venkateswara College of Engineering & Technology, 2020 – 2024 — CGPA: 7.6/10

– **Intermediate (MPC):** Nalanda Junior College, Anantapuram, 2018 – 2020 — CGPA: 8.5/10

– **SSC:** SPCS Rly Boys High School, 2018 — CGPA: 9.3/10

CERTIFICATIONS

– **Java Developer Internship:** Next24Tech (2024) — Spring Boot, MySQL, REST API Projects

– **Full Stack Web Development:** Tap Academy (2024) — HTML, CSS, JavaScript, Spring Boot

– **Machine Learning:** GrowthNinja (2023) — Basic ML models and deployment

LANGUAGES

English (Fluent), Hindi (Intermediate), Telugu (Native)