Miryala Lavanya

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OBJECTIVE

Friendly, curious, and detail-oriented software developer with strong expertise in Java, Python, Spring Boot, SQL, and backend development. Skilled at solving complex problems and building reliable, high-quality applications. Passionate about continuous learning, collaborating effectively in teams, and delivering solutions that make a tangible impact.

SKILLS AND INTERESTS

- **Programming Languages** Python, Java, HTML, CSS, JavaScript, SQL
- **Framework** Spring Boot, REST APIs, Maven, Bootstrap
- **Soft Skills** Analytical thinking, Problem Solving, Time Management, Team Collaboration, Adaptability, Attention to detail.

EXPERIENCE/TRAINING

Python Programming - Internshala   Sep 2023 - Nov 2023
- Learned Python fundamentals, OOPS principles, SQLite database integration, GUI development using PyQT, and applied Python in real-world scenarios.

Java Developer Intern - TNS India Foundation - Java, Rest APIs, Maven, Spring Boot   2024
- Built RESTful APIs using Spring Boot
- Used Maven for dependency management and MySQL for backend integration
- Gained practical exposure to enterprise Java development

EDUCATION

- B. Tech in Computer Science Engineering   Nov 2021 -May 2025
  Teegala Krishna Reddy Engineering College, Hyderabad / CGPA: 8.91/10
- Intermediate (Class XII)   2019 – 2021
  Narayana Junior College, Hyderabad / Percentage: 96%
- High School (Class X)   2018 - 2019
  Varun's Model High School, Hyderabad / CGPA: 10/10

CERTIFICATIONS

- **Programming with Python** - Internshala Trainings
- **Advanced Data Analytics** - Edunet Foundation
- **Java Full Stack Development** - TNS Foundation

PROJECTS

Mouse Cursor Movement and Control using Eye gaze method   2024
- Developed a Human-Computer Interaction system using the eye gaze method to operate the display hands-free.
- Utilized a web camera to capture real-time frames and control mouse cursor movements.

Ride Sharing For Maximizing Passenger Utility Using Blockchain   2025
- Designed smart contracts for decentralized ride booking.
- Applied backend logic for publishing rides and booking confirmations.

College Placement using Java and Spring Boot Project   2024
- Built a web-based backend using Java, Spring Boot, and MySQL.
- Developed REST APIs for placement data; used POSTMAN for endpoint testing.
- Handled data updates and retrieval via SQL queries.

HOBBIES

- Listening to music
- Cooking