# Miryala Lavanya

* [lavanyamiryala47@gmail.com](mailto:lavanyamiryala47@gmail.com)
* + 91 – 9392776602
* https://www.linkedin.com/in/miryala-lavanya-941317314

# [O](https://linkedin.com/in/pratikshrivastava/)BJECTIVE

Enthusiastic Python developer with hands-on experience in software development and data-driven projects. Passionate about exploring Generative AI, Large Language Models (LLMs), and emerging technologies. Adept at problem-solving, writing clean and efficient code, and collaborating in dynamic environments to build scalable, intelligent solutions.

**SKILLS AND INTERESTS**



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| --- | --- | --- | --- | --- |
| * **Programming Languages** * **Framework** * **Core Expertise** * **Soft Skills**   **EXPERIENCE/TRAINING** | Python, Java, HTML, CSS, JavaScript, SQL  Spring Boot, REST APIs, Maven, Bootstrap  Python App Development, GUI Development, API Integration  Analytical Thinking, Time Management, Teamwork & Collaboration,  Adaptability | |  | |
| **Tamizhan Skills – RISE Internship (Python Programming) June 2025 - July 2025**   * Successfully completed a 1-month internship focused on Python application development. * Strengthened core programming knowledge and explored libraries/frameworks like Tkinter   and API integration.   * Developed multiple end-to-end applications emphasizing clean, modular, and reusable code.   **Key Projects:**   * + - Currency Converter App     - Expense Tracker (CLI)     - Library Book Management System     - Quiz App using Tkinter     - Weather App using API     - To-Do List App     - Password Generator Tool  * + - Simple Rule-Based Chatbot   **Python Programming – Internshala Sep 2023 - Nov 2023**   * Completed a 6-week certified course covering OOP, SQLite integration, and GUI development using PyQT. * Built 3+ mini-projects applying Python to real-world problems, including data handling and UI creation.   **J Java Developer Intern - TNS India Foundation -** Java, Rest APIs, Maven, Spring Boot **Mar 2024 - May 2024**   * Engineered and deployed 10+ RESTful APIs using Spring Boot, improving backend efficiency   by 30%.   * Optimized build process using Maven and maintained 100% deployment stability. * Integrated MySQL for real-time CRUD operations and data flow.   **EDUCATION**   * B.Tech in Computer Science Engineering   Teegala Krishna Reddy Engineering College, Hyderabad / CGPA: 8.91/10   * Intermediate (Class XII)   Narayana Junior College, Hyderabad / Percentage: 96%   * High School (Class X)   Varun’s Model High School, Hyderabad / CGPA: 10/10 | | | **Sep 2023 - Nov 2023** | |
| **CERTIFICATIONS**   * **Python Programming –** Tamizhan Sills * **Programming with Python -** Internshala Trainings * **Advanced Data Analytics** - Edunet Foundation * **Java Full Stack Development -** TNS Foundation | | **Nov 2021 -May 2025**  **2019 – 2021**  **- 2019** | |

# PROJECTS

**Mouse Cursor Movement and Control Using Eye gaze method** **2024**

* Developed a computer vision-based HCI system using Python and OpenCV, enabling hands-free control.
* Achieved 85% accuracy in gaze-based cursor tracking with real-time webcam input.
* Targeted accessibility improvement for physically challenged users.

**Ride Sharing For Maximizing Passenger Utility Using Blockchain 2025**

* Created a decentralized ride-booking platform on Ethereum blockchain to enhance trust and transparency

by 100%.

* Deployed 5+ smart contracts for ride booking, payments, and fare splitting.
* Improved booking transparency by 100% and reduced manual coordination.

**College Placement using Java and Spring Boot Project 2024**

* Built backend APIs for a college placement portal.
* Conducted end-to-end CRUD operations with Spring Boot and MySQL.
* Ensured modular architecture and 95% test coverage using Postman and unit tests.

**HOBBIES**

# Listening to Music

# Cooking