# Jashwanth G

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## EXECUTIVE SUMMARY

Final-year B. Tech Information Technology student with a strong foundation in programming, software design, and machine learning. Skilled in Python, C++, Java, and experienced in Linux environments. Developed multiple real-world projects involving AI, data analysis, and scalable systems. Eager to contribute to impactful projects through a dynamic and challenging opportunity.

## EDUCATION

**Dr. M.G.R Educational and Research Institute**                       Chennai, India
*Bachelor of Information Technology; CGPA: 8.16 / 10 (first 5 semesters)*   *October 2022 - Present*
***Technical Skills:*** *Machine Learning and AI, Data Analytics, Big Data, Web Development*

**St Joseph Matric Hr Secondary School**                              Tiruvallur, India
***HSC:*** *66.6%*                                                    *May 2022*

## EXPERIENCE

**iNueron.ai**                                                        Remote
*Machine Learning Intern*                                             *Oct 2024*

- Developed a GUI-based machine learning model to classify mushrooms as edible or poisonous, using real-world data and ensuring high accuracy through effective preprocessing and algorithm selection.
- Deployed the project as a standalone desktop application, enabling easy access for non-technical users and demonstrating practical implementation of ML in food safety.

## SKILLS

**Programming & Scripting —** Python, Java, C/C++, JavaScript
**Tools -** Git/GitHub, VS Code, MySQL, Firebase
**Platforms -** Linux, Ubuntu, Windows
**Concepts:** Data Structures & Algorithms, OOPS, Software Design, Database Management, System Design
**Soft Skills -** Leadership, Event Management, Public Speaking, Time Management

## PROJECTS

**MedPredict – Disease Risk Prediction Using Machine Learning**

- Built a multi-model health assessment tool using Random Forest to predict disease risks. Unified models into one interface for early intervention and personalized care.

**Mushroom Classification Using Supervised Learning**

- Developed a classifier to detect edible vs. poisonous mushrooms using the UCI dataset. Deployed as a GUI app for improved accessibility and food safety awareness.

**Anomaly Detection in Stock Market Trends Using Isolation Forest**

- Developed a Streamlit dashboard for real-time anomaly detection in stock data with simulated injections, visual insights, and email alert integration.

**Tool Flux – Full-Stack AI Tools Directory Web App**

- Built a React and Node.js-based AI tool directory with smart filters and trending tool insights to simplify discovery based on use cases and pricing.

## CERTIFICATIONS

- **Agile Scrum in Practice**
  *Infosys Springboard*
- **Angular web Developer**
  *Infosys Springboard*
- **Full Stack Development**
  *Tecxpera Technologies*
- **AWS Data Science**
  *Enlight Wisdom*
- **Machine Learning using Python**
  *NSIC*

## HONORS AND AWARDS

• **Inter college Event Award** – Dr. M.G.R. Educational and Research Institute: Recognized by the Department of IT for active participation and achievements in external technical and academic even and won 5 out 6 Presentations in external technical events.

• **Seal the Deal, Sri Ramachandra Faculty of Engineering and Technology:** Awarded first place for business pitch excellence in an intercollege competition focused on innovation and negotiation skills.

• **2nd Prize – Paper Presentation, Rajalakshmi Engineering College:** Secured second place for presenting the MedPredict research paper, recognized for clarity, innovation, and technical department.