

# VAMSHI PERABOINA

AI/ML Engineer | Full Stack Developer

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## SUMMARY

I am a skilled Software Developer with expertise in Python, Java, HTML, CSS, JavaScript, Angular, React, Node.js, and Flask, specializing in building full stack web applications and AI-powered solutions. I excel at designing scalable, efficient, and user-centric platforms by integrating modern frameworks and database technologies. Committed to continuous learning, I am driven to apply my technical knowledge to deliver innovative solutions in fast-paced and challenging environments.

## EDUCATION

- Bachelor of Technology in Computer Science and Engineering - Artificial Intelligence and Machine Learning**, Malla Reddy University, Hyderabad Jul '22 — Jun '26
- CGPA: 8.92
- Board of Intermediate Education in Science**, Telangana State Model School & Jr Collage Jun '20 — May '22
- Percentage: 77%
- Secondary School of Education in General Education**, Telangana State Model School & Jr Collage Jun '19 — May '20
- CGPA: 10.0

## SKILLS

**Programming Languages** Java, Python, Java Script  
**Web Technologies** HTML, CSS, PHP, MySQL, MongoDB  
**Tools & Platforms** Git, VS Code  
**AI/ML Techniques** Machine Learning, Deep Learning, NLP, OpenCV  
**Development Tools** Git, GitHub, VS Code  
**Others** OOPs, DBMS, Operating Systems, Data Structures & Algorithms

## EXPERIENCE

- Web Development Backend Intern** Jun '24 — Aug '24  
1STOP Platform
- Developed a "Simple To-Do List" web application using PHP, HTML, CSS, and JavaScript, enhancing user task management.
- AICTE Internship - Intelligent Automation Virtual Internship** Jan '24 — Mar '24  
Blue Prism
- Completed an AICTE-certified internship focused on intelligent automation using Blue Prism tools.

## PROJECTS

- Car Rental Management System** Jun '23 — Mar '23
- Designed a system to manage **car bookings, customers, and vehicle inventory** using Python and MySQL.
  - Implemented **CRUD operations** with database integration for smooth management.
- Plant Disease Detection using ML** Apr '23 — Jun '23
- Built a machine learning model to **classify plant diseases** from leaf images using image processing.
  - Improved **crop health monitoring** by enabling early detection and prevention strategies.
- Multi-Class News Classification** Jul '23 — Sep '23
- Built a machine learning model to **classify news articles into multiple categories** (e.g., sports, politics, technology, etc.) using NLP techniques.
  - Applied **TF-IDF, word embeddings, and supervised algorithms** to achieve high accuracy in text categorization.
- Next Word Prediction Using Deep Learning** Oct '23 — Dec '23
- Developed a deep learning model to predict the next word in a sequence, enhancing text generation capabilities.
  - Applied neural network architectures and trained on large datasets to improve prediction accuracy.

## ACHIEVEMENTS

- Debugging and Paper Presentation Certificates** Dec '23
- Recognized for excellence in debugging challenges and effective paper presentations during academic activities.

## CERTIFICATIONS

- Java Programming (NPTEL) – Achieved 56 percentile in the national-level certification exam.** Jan '24
- AICTE Internship – Successfully completed an AICTE-certified internship program.** Jan '24
- Internshala - Received certificates for a 4-week internship in Web Development and Machine Learning from Internshala.** Jan '01