

VRUSHALI A POOJARY

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PROJECTS

AI Resume Analyzer

Python, NLP, FastAPI, Streamlit

[GitHub Link](#)

- Engineered an AI-powered resume analysis tool to extract and assess candidate data using NLP.
- Implemented a robust FastAPI backend with a responsive Streamlit-based frontend for interactive feedback.

Multi-Feature Object Detection System

Python, OpenCV, YOLOv8

[GitHub Link](#)

- Designed a hybrid computer vision system integrating YOLOv8 with OpenCV for real-time multi-object detection.
- Achieved accurate detection across multiple inputs through dynamic webcam and video feed optimization.

EdumelmsFS – Learning Management System

React, Node.js, MongoDB, Express,

TailwindCSS

[GitHub Link](#)

- Developed a full-stack LMS platform with authentication, user dashboards, and course management.
- Built RESTful APIs using Express.js and ensured a responsive, accessible UI using TailwindCSS.

Medical Report Analyzer

Python, NLP, Streamlit

[GitHub Link](#)

- Built an NLP-based analyzer that extracts and organizes vital details from unstructured medical text.
- Provided structured insights and data export functionality for healthcare professionals.

Digit Recognizer

Python, scikit-learn, FastAPI, JavaScript

[GitHub Link](#)

- Created a web-based ML system to predict handwritten digits using scikit-learn models.
- Integrated a FastAPI backend with an intuitive, drag-and-drop user interface.

Emergency-Wave App

Flutter, Node.js, Express.js

- Developed a Flutter-based mobile solution for ambulance dispatch and emergency coordination.
- Implemented real-time tracking and automatic nearest-ambulance detection using GPS data.

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, Dart
- **Full Stack Development:** Flask, React, Angular, HTML, CSS, JavaScript, Bootstrap, Tailwind, Node.js, Express
- **Mobile Development:** Flutter
- **Databases:** MongoDB, PostgreSQL, SQL
- **Data Visualization:** Tableau, Power BI
- **Developer Tools:** VS Code, Git, GitHub, Postman, Android Studio

EDUCATION

Srinivas Institute of Technology, Mangalore
B.E. in Artificial Intelligence & Machine Learning

2022 – 2026

Poorna Prajna Pre-University College, Admar
PUC (PCMB)

2020 – 2022

INTERNSHIPS

AICTE Virtual Internship Program — AICTE

2024 (Online)

- Completed three structured internships focused on AI-ML, analytics, and digital tools.
- Gained hands-on exposure to real-world technical workflows through guided learning modules.
- Certificate IDs: c8a033ac53de1ce4b6d5f42cb46b2ad1, 7ad7b14191dc638443eb9d67bda8bf78, e52e267cb1127e2ceb1dd3542183271a.

EXPERIENCE

Cybersecurity Intern — Swizosoft

May 2024 – July 2024

Mangalore, India

- Secured **50+** cloud instances and reduced system vulnerabilities by **40%**.
- Optimized deployments, **streamlining** time by **60%**.
- Work recognized by MSME (Govt. of India) and ISO-certified bodies.

LANGUAGES

- English, Kannada, Sanskrit, Tulu, Hindi

ACHIEVEMENTS

- **1st Place – SRINATHON 2024:** Won first place in a national-level hackathon at Srinivas Institute of Technology for innovative AI-based prototype development.
- **2nd Place – SPRINTHACK 2025:** Secured second place in the AI & DS department hackathon for efficient ML-driven problem-solving.
- **Top 10 – AI Project Recognition:** Ranked among the top five teams in a hand recognition AI hackathon at RV College; received an invitation to Intel's innovation workshop in Bangalore.
- **Research Publication – JETIR Journal:** Published a research paper titled "*Predicting Drug-Drug Interactions Using Machine Learning Models*" in the **JETIR Journal**. View Publication: JETIRGX06135
- **Hackathon Participation:** Contributed to multiple national and state-level hackathons, focusing on real-world applications and teamwork:
 - Eduvitality (24 hrs) – RV College, Bangalore
 - Hackotsava (36 hrs) – SMVIT, Udupi
 - Code Meet (24 hrs) – Srinivas University, Mukka
 - Sprint Hack (12 hrs) – AI & DS Dept., SIT
 - C.I.DECODE (24 hrs) – Karnataka Cyber Hackathon, PES University