VRUSHALI A POOJARY

Software Engineer

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⌂ VrushaliAPoojary

Objective

Engineering student specializing in Artificial Intelligence with strong skills in frontend development and a keen interest in image processing. Known for a strong work ethic, quick adaptability.Seeking an opportunity to apply AI and software development expertise to create intelligent, user-focused solutions while continuously learning and contributing to organizational success.

Projects

Emergency-Wave App
Flutter, Express.js, Node.js

- Developed a mobile app for ambulance emergency handling.
- Integrated real-time location tracking and nearest ambulance identification.
- Built a scalable backend with Express.js and Node.js.
- Designed RESTful APIs for app-server communication.

AI Resume Analyzer
Python, NLP, FastAPI, Streamlit

- Built an AI-powered tool to analyze resumes using NLP.
- Extracts key details, provides feedback, and suggests job roles.
- Developed a FastAPI backend and a Streamlit-based UI.
- **Link:** AI Resume Analyzer

Multi-Feature Object Detection System
Python, OpenCV, YOLOv8, NumPy

- Built a real-time vision system to detect yellow areas and books.
- Used HSV segmentation and contours to locate yellow objects.
- Added YOLOv8 for deep-learning object detection.
- Combined classic vision and AI models for better results.
- Enabled webcam/video input with mode switching.
- **Link:** Multi-Feature Detection System

EdumelmsFS – Learning Management System
React, Node.js, MongoDB, Express, TailwindCSS

- Full-stack LMS with modular React frontend and Node.js backend.
- Features: login, admin dashboard, course/user management.
- RESTful APIs with Express.js and MongoDB; responsive UI via Tailwind.
- **Link:** EdumelmsFS

Medical Report Analyzer
Python, NLP, spaCy, Streamlit

- Created a Streamlit app to analyze medical reports with NLP.
- Extracted age, drug response, and grouped results.
- Used spaCy and NLTK for entity recognition.
- Gave decision outputs and showed stats with export option.
- **Link:** Medical Report Analyzer

Digit Recognizer
Python, scikit-learn, FastAPI, HTML, JavaScript

- Built a web app to recognize handwritten digits using ML.
- Used FastAPI for image upload and prediction.
- Designed drag-and-drop UI with HTML, CSS, JavaScript.
- **Link:** Digit Recognizer

Education

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

📅 2022 – 2026

PUC (PCMB)
Poorna Prajna Pre University College,Admar

📅 2020 – 2022

Technical Skills

Programming Languages

C, Java, Python, Dart,

FullStack Development

Flask, React, Angular, HTML, CSS, JavaScript, Bootstrap, Tailwind, Node.js, Express,

Mobile Development

Flutter,

Databases

MongoDB, PostgreSQL, SQL,

Data Visualization

Tableau, Power BI,

Internships

Cybersecurity Intern

Swizosoft

📅 May 2024-July 2024   📍 Remote

- Secured 50+ cloud instances and reduced vulnerabilities by 40%.
- Optimized deployments, reducing deployment time by 60%.
- Internship certified by MSME (Govt. of India), ISO-certified, Euro UK accredited.

AICTE Virtual Internships

AICTE Internship Program

📅 2024   📍 Online

- Completed two virtual internships through AICTE's structured modules.
- Gained industry-oriented training and practical exposure.
- Certificate IDs:
- `c8a033ac53de1ce4b6d5f42cb46b2ad1,`
- `7ad7b14191dc638443eb9d67bda8bf78.`

Achievements

🏆 **Top 10 – AI Project**
Selected among the top 5 teams in an AI hand recognition project at RV College's hackathon. Earned an invite to an Intel workshop in Bangalore.

🏅 **1st Place – SRINATHON 2024**
secured 1st Place in SRINATHON, a national-level hackathon at Srinivas Institute of Technology.

🏅 **2nd Place – SPRINTHACK 2025**
Secured 2nd place in an AI & DS department hackathon at SIT.

🎖 **Cybersecurity Internship – Swizosoft**
Interned at Swizosoft (May–July 2024), securing **50+ cloud instances** and reducing vulnerabilities by **40%**. Optimized deployments, cutting time by **60%**. Recognized by MSME (Govt. of India), ISO-certified, and Euro UK accredited.

💡 **Hackathon Participation**
Competed in national and state-level hackathons, solving real-world challenges:

- **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)** – CID Karnataka Cyber Hackathon, PES University