Savin P S

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Education

Vellore Institute of Technology, B-Tech Computer Science and Engineering Sept 2022 – March 2026
Specialization in AI and ML
- CGPA: 8.12

Govt. Higher Secondary School, Panjal, Kerala,India June 2020 – March 2022
- Graduated with 91%

Experience

Full-Stack Web Development June 2022 – Jan 2025
- Developed a responsive web application for a client management system that processed 1,000+ user queries daily; reduced response times by 50% and increased user satisfaction ratings from 70% to 90%.
- Created responsive pages and cross-platform apps with React Native.
- Enhanced server performance by fixing critical crashes.

Smart India Hackathon Participant 2023
- Built an environmental management platform with Node.js and MongoDB, supporting over 500 active users for waste reporting and tracking.
- Collaborated on the project with a team of 5, delivering a solution that improved waste management efficiency by 35%.

Microsoft Chapters Club Technical Team Member Sept 2023 – Oct 2024
- Contributed to 10+ technical projects and workshops focused on emerging technologies, improving team knowledge and skills.
- Enhanced technical skills and collaboration through active invo

Projects

A Community-Oriented Personal Social Media Platform https://dayecho.vercel.app/
- A personal social media platform that allows users to connect with a community, share journals, and write diaries.
- Tools used: Nextjs, Nodejs, HTML, Tailwind

Facial Emotion Recognition -CNN
- Using VGG-16 and a custom CNN model to classify facial emotions using the RAF-DB dataset, achieving an accuracy of 90% with advanced deep learning techniques.
- Used:Deep Learning,CNN,VGG-16,Machine learning

Amazon Product Recommender for Social Media using AWS and NLP
- Made a system that uses AWS and Natural Language Processing (NLP) to analyze social media content and recommend relevant Amazon products in real-time
- Tools Used:Amazon Rekognition,NLP,NLTK

Technical Skills

Languages: C/C++, Java, Python, JavaScript, R, TypeScript, HTML/CSS, SQL.
Frameworks: React, React Native, Node.js, Next.js, Django, Tailwind CSS, Framer Motion, Material-UI, Express.
Developer Tools: Git, AWS, VS Code, PyCharm, IntelliJ, Linux.
Libraries: pandas, NumPy, Matplotlib, TensorFlow, Sklearn.