Vigneswar P R

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SUMMARY

Aspiring Electronics and Computer Engineering student with strong technical expertise in embedded systems, machine learning, web development, and cloud technologies. Passionate about building innovative projects including Cloud-based solutions, AI-driven applications, and full-stack web solutions. Experienced in collaborative teamwork, hackathon participation, and conducting technical workshops at university-level clubs, aiming to leverage skills to create impactful technological solutions.

EXPERIENCE

VIT, **Web Development Department Member**
Dec 2023 - Present
Conducted Hackathons and workshops

Hogist Technologies, **AI and Automation Intern**
May 2025 - Jul 2025
- Spearheaded automation initiatives as an intern by leveraging AWS services and generative AI to streamline operational workflows.
- Collaborated cross-functionally with team leads and stakeholders to coordinate deliverables, facilitate communication, and ensure   high-quality output through meticulous content review and organization

EDUCATION

Vellore Institute of Technology-Chennai
Bachelor of Technology in Electronics and Computer Engineering • 2022 - Present

LICENSES & CERTIFICATIONS

Smart Internz, Artificial intelligence using Google Tensor flow

Google Cloud, Generative AI, Introduction to Generative AI Learning, Gemini for Cloud Learning Path, Advanced AI for developers

SKILLS

AWS • Machine Learning • Deep Learning • Python • Tensorflow • Keras • Natural language processing • Express.js • Java • SQL

PROJECTS

- **The social sidekick-**

   Developed an AI-driven social media and CRM automation platform integrating Telegram, Instagram, and Facebook for seamless content and communication workflows. Enabled users to generate on-brand posts with AI-powered image and caption generation, schedule them intelligently, and track performance in real time. Added CRM support with personalized email generation and templating for lead engagement. Built using React.js, Python, Google Gemini, and social media APIs for end-to-end automation

- **IoT Anomaly Detection with AI & Blockchain-**

  An end-to-end project demonstrating real-time IoT sensor data simulation, AI-driven anomaly detection (using Isolation Forest), and immutable logging of detected anomalies on an Ethereum blockchain (Ganache), all visualized through a live Streamlit dashboard.

- **Prediction and analysis of liver patient Data Using machine learning**

  Developed predictive models using decision tree and logistic regression to identify liver disease from clinical datasets. Applied feature analysis and model evaluation techniques to enhance detection accuracy. Demonstrated strong results through systematic experimentation and performance validation.

- **Book recommendation system**

  Built a personalized book recommendation system leveraging Natural Language Processing to analyze user preferences and suggest relevant titles. Applied techniques like sentiment analysis and keyword extraction to enhance recommendation accuracy and user engagement.