

Vinod K

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DOB : 28-05-2004

EDUCATION

B.Tech in Artificial Intelligence , Amrita School of Computing <i>Current CGPA - 8.58</i>	Coimbatore, TN <i>Sept. 2022 – Present</i>
Higher Secondary School , Kattukulam Higher Secondary School <i>96.16 %</i>	Palakkad, KL <i>Jun. 2020 – Apr. 2022</i>
Secondary School , Kattukulam Higher Secondary School <i>96 %</i>	Palakkad, KL <i>Graduated Mar. 2020</i>

SKILLS

Programming & Development: Python, Java, C/C++, MATLAB, SQL, HTML, JavaScript, CSS

AI & Machine Learning: Neural Networks, Deep Learning, Classification, Clustering

Hardware, IoT & 3D Design: Arduino, ESP32, Raspberry Pi, IoT Devices, Blender, Tinkercad

Soft Skills: Problem-Solving, Teamwork, Research, Adaptability, Communication, Time Management

AREA OF INTEREST

Machine Learning, Deep Learning, Neural Network, Full Stack Development.

PROJECTS

NeuroVision: Thought-Driven Real World Image Captioning	Oct. 2024 – Present
<ul style="list-style-type: none">Developed a neuro-AI system for visually impaired users using EEG-triggered image captioning and audio feedbackUtilized EEG signals, the CLIP model, and text-to-speech technology for seamless environment interaction.Showcased the integration of neurotechnology and AI to develop accessible assistive solutions.	
The Aethon Project	Sep. 2024 – Oct. 2024
<ul style="list-style-type: none">Built a cloud-based platform for exotic car resale using Node.js and hosted on Microsoft Azure.Integrated real-time auction functionality and appointment-based test drive booking.Designed a scalable system for efficient inventory management and enhanced user engagement.	
Smart Irrigation System Using IoT	May. 2024 – Jun. 2024
<ul style="list-style-type: none">Engineered an IoT-based automated irrigation system with NodeMCU 8266, soil moisture sensors, and DHT11.Developed a web interface for real-time monitoring and manual control of the system.Optimized water conservation and crop health through precise irrigation management.	

CERTIFICATIONS

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional	Jul 2024 – Jul 2024
<ul style="list-style-type: none">Earned certification demonstrating expertise in generative AI technologies and their applications using Oracle Cloud Infrastructure.	
Artificial Intelligence Foundation Certification	Apr 2024 – May 2024
<ul style="list-style-type: none">Certified in foundational concepts and practices in Artificial Intelligence, including NLP machine learning and deep learning.	