Vineeth V

📞 +91-8939403847 | ✉ vgmvineeth@gmail.com | ⌾ GitHub | 🔗 LinkedIn | 🌐 Portfolio

EDUCATION

- **B.Tech in Electronics and Computer Engineering** — *2023-2027*
  Vellore Institute of Technology, Chennai — CGPA: 9.58
- **Higher Secondary Schooling - PCM with CS** — *2021-2023*
  Shakti Vinayakar Hindu Vidhyalaya CBSE, Tuticorin — Percentage: 91.4
- **Senior Secondary Schooling** — *2019-2021*
  Bhakthavatchalam Vidhyashram CBSE, Chennai — Percentage: 94.8

PERSONAL PROJECTS

- **Quiz Master**

  A full-stack web application that generates multiple choice quizzes from user uploaded PDF notes with the help of AI
  - Allows users to upload PDF notes and automatically creates contextually relevant MCQ questions.
  - Uses Retrieval Augmented Generation (RAG) and prompt engineering to ensure high-quality, structured question output.
  - Provides a modern ReactJS based UI with real time progress updates about the quiz generation
  - Implements live score tracking and provides immediate feedback to users on correct or incorrect answer selections, enhancing engagement and learning outcomes.
  - Technologies Used: ReactJS, Tailwind CSS, Vite, Python, Flask, IBM Cloud

- **College Course Recommendation System**

  A Streamlit-based web application that recommends courses relevant to subjects in the engineering curriculum
  - Displays a list of all the relevant courses provided by various course providers related to the subject chosen.
  - Generates recommendations by identifying relevant keywords from the selected subject.
  - Allows users to contribute links to notes as supplementary materials for each subject.
  - Technologies Used: Python, Streamlit, Python Libraries: KeyBert, NeatText

- **Expenses Tracker App**

  A full-stack MERN web application used for tracking expenses by the user on various items and across various payment methods
  - Enables users to add and delete expenses made by them.
  - Features user authentication and authorization using JWT, ensuring that each user's data is private and securely accessed.
  - Presented in a responsive ReactJS frontend offering instant updates as expenses are added and deleted.
  - Integrates with MongoDB for persistent data storage and provides RESTful APIs via an Express.js backend.
  - Technologies Used: ReactJS, Express.js, MongoDB, Node.js, JWT

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Java, Python, C, R, SQL
Web Development / Frameworks: ReactJS, Tailwind CSS, Vite, MongoDB, HTML, CSS, JavaScript, Flask, Streamlit, VS Code, Postman
Other Skills and Tools: AWS, Cadence Virtuoso, MATLAB, LTspice, Canva, GitHub
Areas of Interest: Cloud Ops, Machine Learning, Web Design and Development, Artificial Intelligence, Generative AI
Soft Skills: Team Management, Adaptability, Self-learning, Problem Solving, Strategic Decision Making

CERTIFICATIONS

- Generative AI using IBM Watsonx

ACHIEVEMENTS

- Achieved **4th rank** overall in the department in the academic year 2024-2025
- Achieved **10th rank** overall in the department in the academic year 2023-2024
- Secured **2nd overall rank in school** and **1st in Science Stream batch** in AISSCE examination in the year 2023.

EXTRACURRICULARS

- **CloudOps Club** — *August 2024 - March 2025*
  Design Department
  - Designed promotional materials for a DevOps and Cloud Computing Hackathon
  - Assisted in the marketing of events conducted by the club

- **Microsoft Innovations Club** — *October 2024 - March 2025*
  Management Department
  - Drafted proposal documents for club events conducted during the semester