K MADHUNISHA

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SUMMARY

Results-oriented engineering undergraduate with a strong focus on delivering effective, real-world solutions. Skilled in analytical problem-solving and structured project execution. Demonstrated ability to adapt quickly to new technologies and workflows. Seeking an entry-level engineering role to apply technical knowledge and contribute to impactful projects.

PROJECT

AI Book Analyzer

- Built an AI-based application to analyze PDF books and generate summaries, questions, and FAQs.
- Implemented interactive Q&A functionality and multi-format exports to improve content understanding and usability.

Supply Chain Management

- Designed and implemented a database system for managing supply chain operations.
- Developed web-page and SQL queries for data retrieval and management.

AI Mental health Detector

- Developed an AI-based Mental Health Detector that analyzes user inputs (text/questionnaire patterns) to identify stress, anxiety, and emotional well-being indicators using machine learning techniques.

INTERNSHIPS

Internet of Things (IoT) Intern, Emertxe   Sept2025 - Nov2025

- Completed a structured internship with practical exposure to system-level project development and real-world engineering workflows.
- Developed the ability to translate problem statements into structured technical implementations through guided, hands-on tasks.

Frontend Web Development Intern, Vaishnav Technologies   05 May 2025 – 05 June 2025

- Successfully completed a Frontend Web Development Internship focused on building responsive and user-friendly web interfaces.
- Gained hands-on experience in creating structured, visually consistent web pages while following standard industry development practices.

EDUCATION

Bachelor of Technology, Amrita Vishwa Vidyapeetham, Coimbatore   2023-2027

- Computer and Communication Engineering
- CGPA: 7.3 / 10

Higher Secondary Education (+2) ,National Public School, Namakkal   2023

- Percentage: 77%

Secondary Education (10th Grade), Kailash School of Excellence, Namakkal   2021

- Percentage: 75.8%

ADDITIONAL INFORMATION

Technical Skills

- Programming & Scripting: Python
- Web Development: HTML, CSS, Frontend Design , Databases: MySQL (basic)
- AI & Data Concepts: Machine Learning fundamentals, data preprocessing
- Tools & Platforms: Git/GitHub, VS Code, Jupyter Notebook

Languages

- English – Professional proficiency
- Tamil – Native / Fluent