

PAVANI A M

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Education

BMS Institute of Technology, Bengaluru
Bachelor of Engineering in Information Science

2022 – 2026
CGPA: 9.15

Shaantiniketan PU College, Chickballapur
Pre-University in PCMB

2020 – 2022
Percentage: 96.50%

BGS World School (ICSE), Chickballapur
ICSE (Class X)

2020
Percentage: 84.50%

Technical Skills

Languages: Java, Python, JavaScript, C Language, HTML/CSS, Go (basic)
Web Dev: React, Node.js, Express.js, Servlets, JDBC
Databases: MySQL, MongoDB
Tools: Git/GitHub, VS Code, Linux, TensorFlow
Concepts: Object Oriented Programming, Data Structures And Algorithms.

Projects

- **MASKMATE — AI-driven Mask-based Face Recognition**
 - Developed a real-time attendance system using Python, OpenCV, MobileNetV2, and Flask.
 - Implemented accurate face and mask detection for secure attendance tracking.
 - Designed a responsive web interface with localhost database integration.
 - Compared model performance between MobileNetV2 and CNN architectures.
- **Order Management System using Java Servlets, JDBC, MySQL**
 - Built a web platform with cart/wishlist functionalities using Java Servlets and JDBC.
 - Implemented session management and cookies for secure authentication.
 - Integrated WhatsApp messaging for order placement directly through distributors.
- **Online AI Email for Leave Approval using Python, Flask, and Hugging Face**
 - Developed an AI-powered tool that converts natural language leave requests into professional emails.
 - Used Hugging Face Transformers for language generation and Gmail SMTP for automated email delivery.
 - Enabled streamlined leave approval by targeting HR departments with context-aware messages.

Experience

Maalgudi Technolabs
Intern

Oct 2024 – Mar 2025

Certifications And Extracurricular Activities

- **Generative AI Certification**
LLMs, prompt engineering, AI applications
- **MongoDB Certificate**
CRUD Operations in Java, Aggregation Framework
- VTU State-Level Basketball Player (BMSIT Team), Throwball Player
- Member of Rangasthala — College Drama Club
- VTU Cultural Fest: Skits, Technical Events Participant
- Technotsava: Participant in Sjcit Hackathon.

GUVI — 2024

MongoDB University — 2024