Vaishnavi Patil

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Education

Bachelor of Technology in Computer Science and Engineering Dec 2022 – May 2026

Jain College of Engineering and Research, Belagavi, Karnataka

CGPA: 8 / 10

Experience

Cloud Intern – Softmusk Pvt Ltd Jun 2024 – Aug 2024

Belagavi, India

- Gained hands-on experience deploying and managing cloud instances on AWS and DigitalOcean.
- Configured basic networking including IP addressing, DNS, and load balancing.
- Worked on virtual machine setup and monitoring under Linux environments.

Projects

1. **Placify – Campus Placement Preparation Platform (MERN Stack)**

   - Designed a centralized platform for campus placement preparation, offering company details, skill requirements, previous papers, and sample resumes.
   - Enhanced student preparedness and job opportunities by streamlining access to essential placement resources.

2. **Smart Greenhouse System using IoT**

   - Developed an automated greenhouse monitoring and control system using Adafruit Metro ESP32 microcontroller.
   - Integrated IoT platforms such as Telegram, ThingSpeak, and Blynk for real-time monitoring, data visualization, and remote control.
   - Enabled automation of temperature, humidity, and soil moisture regulation to optimize plant growth and resource usage.

Certifications

- Full Stack Web Development – Acmegrade, 2025
- Basic Python – Delithe, 2024
- Embedded C with ESP32-S2 – Delithe, 2025

Technical Skills

Languages: C, C++, Java, Python, JavaScript

Frameworks: Node.js, React.js, Express.js

Databases: MongoDB, MySQL

Cloud: AWS, DigitalOcean

Tools: Git, GitHub, Postman, VS Code, Linux

Achievements

- Completed multiple academic and practical projects involving full-stack and cloud technologies.
- Successfully integrated third-party APIs such as OpenAI and Gemini for productivity tools.
- Strong foundation in IoT and embedded systems, capable of bridging hardware and software.