

AYUSH VERMA

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Education

Vellore Institute of Technology, Bhopal <i>Bachelor of Technology in Computer Science - Specialization in Cloud Computing & Automation</i>	Sep. 2021 – May 2025 <i>CGPA 8.17</i>
Maharshi Patanjali Vidya Mandir <i>CBSE</i>	Apr. 2020 – May 2021 <i>Percentage 88.2</i>
Maharshi Patanjali Vidya Mandir <i>CBSE</i>	Apr. 2018 – May 2019 <i>Percentage 85</i>

Technical Skills

Languages: Python, Java, JavaScript
Libraries: NumPy, Pandas
Technologies: OpenCV, Docker, Flask, FastAPI, Kubernetes, Linux, Git/GitHub, Node.js
Databases: MySQL
Practices and Paradigms: Object Oriented Programming, Lifecycle, Agile, Opensource

Projects

GenAI Text Summarizer | *Python, FastAPI, OpenAI API, Docker*

- Built an AI-based summarizer using OpenAI API with a REST backend (FastAPI).
- Dockerized and deployed on a UNIX-based system for local use.
- Designed for scalability with clear API structure.

Dockerized Chatbot API | *Python, Flask, OpenAI API, Docker*

- Developed a conversational chatbot backend using Flask and OpenAI GPT API for dynamic and context-aware replies.
- Containerized the entire backend using Docker, ensuring portability, consistent environment setup, and faster deployment.
- Deployed the Docker container on a Linux (Ubuntu) environment to simulate production infrastructure.

Sunops | *html, css, javascript*

- Developed a responsive solar panel website to showcase solar panel and services.
- Configured backend functionality to send customer inquiries directly to the owner's email.
- Ensured a user-friendly interface with a clean and modern design.

Cohesio | *React, node.js, Javascript*

- Real-time communication and collaboration between interviewers and candidates).
- Intuitive and user-friendly interface built with React for easy scheduling and management of interviews.
- Secure and reliable backend powered by Node.js to manage user data and connections
- Docker integration for smooth deployment, scalability, and consistency across environments

Achievements & Certifications

Python for Data Science
Java Foundation Certificate - Infosys
Google Cloud Digital Leader
HacktoberFest 2023
Finished 100 days of code under DR.G.Viswanathan Challenge

Extracurricular

- Reached Quarter Finals in Inter Cricket Tournament.

Hobbies & Interests

Hobbies: Cricket and playing guitar
Interests: Playing chess