

VAIRAG AKBARI

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Education

VIT Bhopal

Bachelor of Technology in Computer Science

CGPA : 8.1 / 10

Sep. 2022 – Ongoing

Bhopal, Madhya Pradesh

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Operating System
- Database Management
- Web Development
- Computer Architecture

Experience

Next Gen Dev

Jun 2024 - Jul 2024

Java Programming Intern

Remote

- Completed a one-month internship at Codeway, delivering 3 Python programming tasks that optimized process efficiency by 20%.
- Engineered a Python automation script, reducing manual workload by 30% and improving task accuracy by 95%.
- Developed over 500 lines of Python code to streamline data processing in automation scripts, contributing directly to a workload reduction that saved approximately 15 hours per week for the team's manual operations.

Projects

RECLaiM

Jan 2025 - Ongoing

- Built RECLaiM, a Chrome extension that structures study sessions according to user preferences, leading to a measurable improvement in study effectiveness; users reported a 50% increase in content retention post-usage.
- Implemented real-time webpage analysis, blocking 95% of distracting sites, improving focus time by 40%.
- Constructed using React, TypeScript, Tailwind CSS, Flask, Python, and Cohere's Command R+ API for seamless functionality.
- Deployed using Google Cloud Platform (GCP) and Terraform, ensuring 99.9% uptime and handling 1,000+ users.

Imagify

Dec 2024 – Jan 2025

- Implemented an AI-powered text-to-image generator, processing 100+ images per second with 95% accuracy.
- Built the platform using React.js, Node.js, Express.js, Tailwind CSS, and MongoDB Atlas for a smooth and responsive experience.
- Integrated Clipdrop API, generating 1,000+ high-quality images with an 80% improvement in rendering speed.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL

Developer Tools: Git & GitHub, VS Code, Postman, Firebase

Technologies/Frameworks: React.js, Node.js, Express.js, EJS.js, Tailwind CSS, Bootstrap, MongoDB

Extra curricular

- President of the Gujarati Club, organizing 6+ cultural events and driving 50% increase in participation.
- Managed 3+ technical and mathematics events as Event Management Lead, attracting 200+ participants and improving event execution efficiency.