VAIRAG AKBARI

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# Education

**VIT Bhopal** **Sep. 2022 – Ongoing**

*Bachelor of Technology in Computer Science Bhopal, Madhya Pradesh*

*CGPA : 8.1 / 10*

# Relevant Coursework

* Data Structures
* Operating System

# Experience

* Algorithms Analysis
* Database Management
* Artificial Intelligence
* Web Development
* Systems Programming
* Computer Architecture

**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.