Vairag Akbari

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EDUCATION

VIT Bhopal University, Bhopal — 2022 – 2026
Bachelor of Technology in Computer Science and Engineering — ***CGPA:** 8.33*

P. P. Savani Vidhyabhavan, Surat — 2020 – 2022
Senior Secondary (Class XII – Science, GSEB) — *65.84%*

P. P. Savani Vidhyalaya, Surat — 2018 – 2020
Secondary (Class X – GSEB) — *89.33%*

PROJECTS

Full-Stack — InvoiceGen – AI-Enabled Invoice Management System — Jun 2025 – Present
React.js, Spring Boot, MongoDB, Clerk Auth, Cloudinary, jsPDF, Tailwind CSS
- Created a full-stack invoice generator app for freelancers and startups, managing **100+ invoices/month**
- Integrated **Clerk Auth** for secure login and **Cloudinary** for efficient template/image handling
- Designed UI for invoice creation, email dispatch, and PDF export; improved workflow efficiency by **70%**
- Implemented client-side validation and error handling, reducing form submission errors by **30%**

Full-Stack — GhibliGen – AI-Powered Ghibli Art Generator — Apr 2025 – Jun 2025
React.js, Spring Boot, FeignClient, Stability AI, Tailwind CSS, REST API
- Engineered an AI art platform supporting **text-to-image** and **image-to-image** generation; processed **500+ images** during testing
- Developed responsive web interface with **multi-tab navigation** and using **React Router** and **Tailwind CSS**
- Developed **REST APIs** with error handling and authentication for secure image upload and delivery
- Optimized API requests to reduce latency by **25%**, improving user experience during art generation

Full-Stack — Gemini Chatbot – Conversational AI Assistant — Mar 2025 – Apr 2025
Spring Boot WebFlux, Google Gemini API, React.js (Vite + Bootstrap), JWT
- Built a streaming chatbot delivering **real-time responses** using the Google Gemini API
- Implemented non-blocking backend with **Spring Boot WebFlux**, improving scalability and concurrency handling
- Designed responsive frontend in **React.js (Vite + Bootstrap)** with Axios for smooth message streaming
- Enhanced reliability with retry logic, **secure API key handling**, and CI/CD pipelines for rapid deployment

TECHNICAL SKILLS

Languages & Concepts: Java, Python, JavaScript, SQL, HTML/CSS, DSA, OOP, OS, DBMS, Computer Networks
Frameworks & Tools: React.js, Next.js, Node.js, Express.js, Spring Boot, Tailwind CSS, Git, Docker, Postman, Maven
Databases & Services: MongoDB, MySQL, Clerk Auth, Stability AI, Google Gemini, Vapi AI

CERTIFICATIONS

Marketing Analytics & Data-Driven Decision Making – NPTEL, IIT Kharagpur — *May 2025*
AWS Cloud Practitioner Essentials – Amazon Web Services (AWS) — *Apr 2025*
Certified MERN Stack Developer (MongoDB) – Smartbridge — *Apr 2025*

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

President – Gujarati Club, VIT Bhopal: Led club operations (AY 2024–25), managing 12+ members and organizing Garba Nights with **150% growth** in participation
President – Ramanujan Mathematica & SAP Club: Organized 10+ academic events fostering collaboration among **200+ students** in CS and Math
Contest Rankings: LeetCode **1504 DSA Practice – LeetCode & GeeksforGeeks:** Solved **250+ algorithm problems** with **93% acceptance**, covering arrays, linked lists, trees, graphs, and DP
Event Coordinator: Planned and executed 10+ cultural and technical events, increasing participation by **40%** via targeted outreach