

Vairag Akbari

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EDUCATION

VIT Bhopal University, Bhopal <i>Bachelor of Technology in Computer Science and Engineering</i>	2022 – 2026
	CGPA: 8.33

TECHNICAL SKILLS

- Languages:** Java, SQL, JavaScript, HTML, CSS
Backend: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, WebFlux
Databases: MySQL, MongoDB
Frontend: React.js, Tailwind CSS, Bootstrap
APIs & Integrations: REST APIs, JWT Authentication, Google Gemini API, Stability AI API
Tools & Deployment: Git, Maven, Docker, GitHub Actions, Postman

PROJECTS

InvoiceGen <i>Spring Boot, Spring Data JPA, MongoDB, React.js, Tailwind CSS</i> Full-stack invoice management system with secure billing, PDF export, and email automation.	Jun 2025 – Aug 2025
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- Architected backend with Spring Boot + JPA secured by JWT; cut form errors by **30%** and reduced billing support tickets by **15%**.
- Implemented RESTful APIs with MongoDB, scaling storage for **5k+ invoices** and accelerating retrieval throughput.
- Delivered a responsive React + Tailwind UI, improving adoption and reducing onboarding time by **20%**.
- Automated PDF generation with jsPDF and integrated Clerk Auth for secure email dispatch, streamlining billing workflows.

LumiAI <i>Spring Boot, Stability AI API, React, Tailwind, JWT Auth, Gemini API</i> Full-stack AI-powered platform to generate Studio Ghibli-style artwork from text or image prompts.	Jul 2025 – Sep 2025
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- Developed a secure Spring Boot backend integrating Stability AI via **FeignClient**, enabling image-to-image and text-to-image generation.
- Implemented **JWT authentication** with role-based access, protecting API endpoints while keeping guest access limited.
- Built a responsive React + Tailwind UI with multi-tab flows, reducing user journey friction by **20%**.
- Documented REST APIs using **Gemini API** and validated scalability by successfully generating **500+ AI images**.

Gemini Chatbot <i>Spring Boot WebFlux, Google Gemini API, React, Bootstrap</i> Streaming chatbot with a reactive backend and modern frontend.	Mar 2025 – Apr 2025
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- Implemented non-blocking backend with Spring Boot WebFlux, boosting concurrent request handling and throughput.
- Integrated Google Gemini API for real-time tokenized responses, delivering dynamic conversational AI.
- Built chat interface in React (Vite + Bootstrap), improving streaming quality and user engagement.

CERTIFICATIONS

Marketing Analytics & Data-Driven Decision Making – NPTEL, IIT Kharagpur	May 2025
AWS Cloud Practitioner Essentials – Amazon Web Services (AWS)	Apr 2025

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- President – Gujarati Club, VIT Bhopal:** Led operations (AY 2024–25), managed 100+ members Team, and organized Garba Nights with **200% growth** in participation.
- President – Ramanujan Mathematica & SAP Club:** Directed 5+ academic events, fostering collaboration among 500+ students.
- Problem Solving:** Solved **250+ DSA problems** on LeetCode and GeeksforGeeks (94% acceptance rate), covering arrays, linked lists, trees, graphs, and DP.
- Contest Rankings:** LeetCode global ranking **1504**, Codechef global ranking **1428**.
- Event Coordinator:** Planned and executed 10+ cultural and technical events, increasing participation by **100%**.