

Vairag Akbari

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EDUCATION

VIT Bhopal University, Bhopal

Bachelor of Technology in Computer Science and Engineering

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 | *Spring Boot, Spring Data JPA, MongoDB, React.js, Tailwind CSS*

Jun 2025 – Aug 2025

Full-stack invoice management system with secure billing, PDF export, and email automation.

- 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 | *Spring Boot, Stability AI API, React, Tailwind, JWT Auth, Gemini API*

Jul 2025 – Sep 2025

Full-stack AI-powered platform to generate Studio Ghibli-style artwork from text or image prompts.

- 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 | *Spring Boot WebFlux, Google Gemini API, React, Bootstrap*

Mar 2025 – Apr 2025

Streaming chatbot with a reactive backend and modern frontend.

- 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%**.