

Vairag Akbari

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EDUCATION

Vellore Institute Of Technology

2022 – 2026

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.34

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL

Backend: Spring Boot, Spring MVC, Spring Security, JPA/Hibernate, WebFlux, JWT, OAuth

Databases & Caching: MongoDB, MySQL, Redis

Frontend: React.js, Vite, HTML, CSS, Bootstrap, Tailwind CSS, Framer Motion

APIs & Integrations: REST APIs, Gemini API, Stability AI API, Clerk, Razorpay, Cloudinary, jsPDF, Apache POI

Tools & DevOps: Git, Maven, Docker, Docker Compose, GitHub Actions, Postman

PROJECTS

Invoiceo | Java, Spring Boot, MongoDB, React, Vite, Bootstrap, Clerk Auth, Cloudinary, jsPDF Jun 2025 – Aug 2025
Modern invoice generator with GST automation, payment tracking and template-based PDF generation.

- Built a scalable Spring Boot backend with REST APIs, JWT + Clerk authentication and optimized MongoDB queries supporting **10k+ invoices**.
- Developed a smart GST engine handling CGST/SGST/IGST, multi-rate tax rules, invoice lifecycle automation, status transitions, and overdue detection.
- Created a responsive UI with 5 dynamic invoice templates, real-time previews, PDF and Excel/CSV exports.
- Integrated Cloudinary for secure logo uploads and automatic invoice thumbnail generation.

LumiAI | Java, Spring Boot, React, Vite, Tailwind CSS, MySQL, Redis, Docker, JWT, OAuth Jul 2025 – Sep 2025
AI-powered image generation platform with multi-model support, secure authentication, and credit-based usage system.

- Designed a scalable Spring Boot backend integrating **Stability AI, Gemini, and Replicate** for text-to-image and image-to-image generation with Redis caching for performance.
- Implemented secure authentication using **JWT + Google OAuth**, role-based access control, and a credit-based consumption system with Razorpay payment integration.
- Built a modern React + Vite frontend with Tailwind CSS and Framer Motion, delivering responsive UI, real-time generation feedback, and accessibility-compliant UX.
- Containerized the full stack using **Docker**, added CI/CD workflows, and production-ready deployment support.

ChattyBot | Java, Spring Boot, MongoDB, React, Tailwind CSS, Google Gemini API, Docker Mar 2025 – Apr 2025
AI-powered learning platform featuring chatbot assistance, flashcard generation, quizzes, and text summarization.

- Developed a Spring Boot backend integrating **Google Gemini API** to power real-time chatbot Q&A, flashcard generation, quiz creation, and text summarization.
- Designed REST APIs with MongoDB persistence to store chats, quizzes, flashcards, and summaries for seamless learning continuity.
- Built a responsive React + Vite frontend with Tailwind CSS, delivering smooth animations and user experience.
- Containerized frontend and backend using **Docker**, enabling consistent local and production-ready deployment.

CERTIFICATIONS

Docker Foundations Professional Certificate – Docker

Dec 2025

Java & Data Structures and Algorithms – Coding Blocks

Jan 2025

AWS Cloud Practitioner Essentials – Amazon Web Services (AWS)

Apr 2025

ACHIEVEMENTS

CP Rankings: Codeforces global rank **837**, LeetCode global rank **1504**, CodeChef global rank **1428**.

Problem Solving: Solved **300+ DSA problems** on LeetCode with a **94% acceptance rate**.

Hackathon Finalist: Securing a place among the **Top 30 teams in India** at **GrabHack Hackathon**.

EXTRACURRICULAR ACTIVITIES

President – Gujarati Club, VIT: Led operations, managed 100+ members, and organized Garba Nights achieving **200% growth** in participation.

President – Ramanujan Mathematica & SAP Club, VIT: Directed 5+ academic events, fostering collaboration among **500+ students**.

Event Coordinator: Planned and executed 10+ cultural and technical events, increasing participation by **100%**.