

EDUCATION

- **LJ Institute of Engineering and Technology**

Bachelor of Computer Science and Technology; CPI: 8.7/10

Ahmedabad, India  
Nov 2022 – Present


EXPERIENCE

- **Headstarter AI**

Software Engineering Fellow

Remote  
Jun 2024 – Aug 2024
- **Portfolio:** Developed a personal website using HTML, CSS, and DNS configuration.


PROJECTS

- **Aarogyam** *Next.js, NGINX, Express.js, PostgreSQL, FastAPI, Pinecone, llamaIndex* 

Sep 2024

◦ Developed a comprehensive healthcare platform for appointment booking, medical record management, and medication tracking for diverse roles: Admin, Hospital, Doctor, and Patient.


◦ Integrated an AI-driven chat system utilizing a RAG model (Llama 3-70b-instruct), Pinecone, and Llama Index for intelligent, context-aware healthcare support.

• **Map Navigator** *Spring Boot, JSP, PostgreSQL* 

Apr 2024

◦ Implemented a map navigator using Dijkstra’s algorithm for optimized routing


◦ Enhanced navigation efficiency with an in-memory graph

• **JobScrape360** *Flask, Beautiful Soup, Selenium, PostgreSQL* 

Apr 2024

◦ Developed a web app that streamlines job searches via web scraping

◦ Aggregated data from multiple sources to boost search efficiency

• **Cart Central** *Flask, Jinja2, PostgreSQL* 

Mar 2024


◦ Built a full-stack e-commerce platform with intuitive interfaces

◦ Optimized transaction processes for enhanced user experience

• **Faculty Management System** *Spring Boot, Spring Security, JavaFX, PostgreSQL*

Feb 2024

◦ Developed a robust system to manage faculty details, schedules, and performance with secure, role-based access

• **Trip Buddy** *Java, JavaFX, MySQL* 

Oct 2023

◦ Created a desktop application for efficient trip management

◦ Streamlined booking processes with user-friendly features

TECHNICAL SKILLS

• **Languages:** Java, Python, JavaScript, TypeScript, SQL

• **Frameworks:** Spring Boot, Spring Security, Spring Framework, Express.js, React.js, Next.js, Flask, FastAPI

• **Databases:** PostgreSQL, MySQL, MongoDB, Pinecone

• **Tools:** Git, GitHub, Maven, Prisma, Selenium, JSP, JavaFX, Jinja2, shadcn/ui, NGINX, llamaIndex

CERTIFICATIONS

• Oracle Cloud Infrastructure 2024 Generative AI Professional – **Oracle**

• Postman API Fundamentals Student Expert – **Postman**

• Introduction to Generative AI – **Google Cloud**

• HTML, CSS, and JavaScript for Web Developers – **The Johns Hopkins University**

• Database Design and Basic SQL in PostgreSQL – **University of Michigan**

• Inheritance and Data Structures in Java – **University of Pennsylvania**

TECHNICAL ACHIEVEMENTS

• **Final Round, Cyber Security at IIT Bombay Techfest**

Apr 2019