

**Akash Rai**

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## EDUCATION

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### LJ Institute of Engineering and Technology

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

Ahmedabad, India

*Nov 2022 – Present*

## EXPERIENCE

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### Full Stack Developer Intern

*Exp.club*

Remote

*Oct 2024 – Present*

- Contributed to the development and launch of an EdTech platform using Next.js, Supabase, and Vercel, working on both frontend and backend.
- Currently enhancing performance, and user experience in the next version of the platform.

### Java Developer Intern

*Infosys Springboard*

Remote

*Nov 2024 – Jan 2025*

- Worked in a team to develop an EdTech consultancy platform using Spring Boot microservices and React.
- Contributed to secure authentication, role-based access, and payment integration for a seamless user experience.

## PROJECTS

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### FinGenie *Next.js, AWS Amplify, AWS Cognito, Node.js, Amazon RDS (PostgreSQL), S3*

- Built a smart financial management platform for streamlined financial processes and insights.
- Used AWS Cognito for authentication, AWS Amplify for hosting, and EC2 (Node.js) for backend.
- Integrated Amazon RDS (PostgreSQL) for data storage and S3 for file management.

### Aarogyam *Next.js, NGINX, Express.js, PostgreSQL, FastAPI, Pinecone, LlamaIndex*

- Developed a comprehensive healthcare platform for appointment booking, medical record management, and medication tracking, serving diverse roles: Admin, Hospital, Doctor, and Patient.
- Integrated an AI-driven healthcare support system utilizing Llama 3-70b-instruct, Pinecone, and LlamaIndex, achieving **94%** retrieval accuracy and **90%** alignment with clinical recommendations.

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

- Developed a job search automation tool that scrapes listings from **3 sources**, reducing manual search time by **80%**.
- Collected and stored **1000+** job listings in PostgreSQL, enabling efficient querying and filtering.

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

- Developed a robust system to manage faculty details, schedules, and performance with secure rbac.

## TECHNICAL SKILLS

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

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

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

**Tools:** Git, GitHub, Maven, Prisma, JavaFX, NGINX, llamaIndex

## CERTIFICATIONS

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- AWS Academy Cloud Foundations – **AWS Academy**
- Oracle Cloud Infrastructure 2024 Generative AI Professional – **Oracle**
- Postman API Fundamentals Student Expert – **Postman**

## TECHNICAL ACHIEVEMENTS

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- Advanced to the **Grand Finale** in Cyber Security at IIT Bombay, competing against top teams nationwide.