

Akash Rai

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EDUCATION

- **LJ Institute of Engineering and Technology** Ahmedabad, India
Bachelor of Computer Science and Technology; CPI: 8.7/10 Nov 2022 – Present

EXPERIENCE

- **Exp.club** Remote
Full Stack Developer Intern Oct 2024 – Present
 - Contributing to innovative EdTech project, focused on developing impactful and hands-on learning experiences.
- **Infosys Springboard** Remote
Java Developer Intern Nov 2024 – Present
 - Building an EdTech consultancy platform using Spring Boot microservices and React for scalable and user-friendly solutions.
- **Headstarter AI** Remote
Software Engineering Fellow Jun 2024 – Aug 2024
 - Developed a Finance Tracker app with AI integration for detailed stock analysis and financial insights.

PROJECTS

- **Aarogyam** *Next.js, NGINX, Express.js, PostgreSQL, FastAPI, Pinecone, llamaIndex*
 - 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 LlamaIndex for intelligent, context-aware healthcare support.
- **JobScrape360** *Flask, Beautiful Soup, Selenium, PostgreSQL*
 - Developed a web app that streamlines job searches via web scraping
 - Aggregated data from multiple sources to boost search efficiency
- **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

- **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**

TECHNICAL ACHIEVEMENTS

- **Top 50 finalist** in Odoo X IITG Amalthea Hackathon. Developed a healthcare website with admin, doctor, and patient management, emergency alerts, and a sentiment-analyzing RAG chatbot
- Advanced to the Final round of the Odoo Hackathon. Ranked **top 150 out of 600+ teams**. Developed a comprehensive sports infrastructure management platform.
- Advanced to the **Grand Finale** in Cyber Security at IIT Bombay, competing against top teams nationwide.