

AKASH RAI

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Education

LJ Institute of Engineering and Technology

Nov 2022 - Present

Bachelor of Computer Science & Technology

CPI: 8.7/10

Experience

Headstarter AI | Software Engineering Fellow

Jul 2024 - Present

- Developed a personal website using HTML, CSS, and DNS configuration.
- Created a full stack application with ReactJS, NextJS, and Firebase.
- Built an AI Customer Support system using OpenAI, NextJS, and AWS.

Projects

Map Navigator | *Spring Boot, JSP and PostgreSQL* | [GitHub](#)

Apr 2024

- Designed and developed a map navigator utilizing Dijkstra's algorithm with an in-memory graph.

JobScrape360 | *Flask, Beautiful Soup, Selenium and PostgreSQL* | [GitHub](#)

Apr 2024

- Developed a web application enabling users to search for optimal job opportunities across prominent websites using web scraping techniques.

Cart Central | *Flask, Jinja2 and PostgreSQL* | [GitHub](#)

Mar 2024

- Designed and developed a Full Stack E-commerce platform with customer, merchant, and admin interfaces.

Trip Buddy | *Java, JavaFX and MySQL* | [GitHub](#)

Oct 2023

- Designed and developed a desktop application for efficient trip management for both customer and admin sides.

Library Management System | *Java* | [GitHub](#)

Apr 2023

- Created a Java console-based application for store management, including features like inventory management, sales tracking, and employee management.

Technical Skills

Languages: Java, Python, JavaScript

Frameworks: Spring Boot, Spring Security, Express, Flask, TypeScript, Next.js

Databases: MySQL, PostgreSQL, MongoDB

Related Skills: Git, GitHub, Node.js, Maven, JavaFX

Certification

Oracle Cloud Infrastructure 2024 Generative AI Professional – [Oracle Credential](#)

Postman API Fundamentals Student Expert – [Postman Credential](#)

AI for Everyone – [DeepLearning.AI Credential](#)

Introduction to Generative AI – [Google Cloud Credential](#)

HTML, CSS, and JavaScript for Web Developers – [The Johns Hopkins University Credential](#)

Java Spring Framework 6 with Spring Boot 3 – [Udemy Credential](#)

Winter Training Program | Getting Started with Spring Boot – [Coding Ninjas Credential](#)

Database Design and Basic SQL in PostgreSQL – [University of Michigan Credential](#)

Inheritance and Data Structures in Java – [University of Pennsylvania Credential](#)

Introduction to Java – [LearnQuest Credential](#)

Responsive Website Basics: Code with HTML, CSS, and JavaScript – [University of London Credential](#)

Achievements

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

Apr 2019