

AKASH RAI

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EDUCATION

- **Bachelor of Engineering in Computer Science Technology**
 - LJ Institute of Engineering and Technology, Ahmedabad
 - CPI: 8.71 | Nov '22 – Present
- **XII (GSEB)**
 - Best Higher Secondary School Ahmedabad | 2022

PROJECTS

1. **Map Navigator** | [GitHub Project Link](#)
 - Designed and developed a map navigator utilizing Dijkstra's algorithm, integrating it with a Spring Boot web application for user interaction and PostgreSQL for route storage.
2. **JobScrape360** | [GitHub Project Link](#)
 - Developed a web application enabling users to search for optimal job opportunities across prominent websites through web scraping techniques, utilizing BeautifulSoup, Selenium, and Flask.
3. **Cart Central** | [GitHub Project Link](#)
 - Designed and developed a Full Stack E-commerce platform for customer, merchant, and admin interfaces using Flask, PostgreSQL, HTML, CSS, Bootstrap and JavaScript.
4. **Faculty Points Manager**
 - Engineered a faculty point management system using JavaFX for frontend, with plans seamlessly transition to Next.js for enhanced user experience, while retaining Spring Boot for REST API with JWT authentication and MySQL for backend.
 - Tailored and deployed the system for college needs, streamlining administrative processes.
5. **Trip Management System** | [GitHub Project Link](#)
 - Designed and developed a JavaFX-based desktop application integrated with a MySQL database for efficient trip management for both customer and admin sides.
6. **Store Management System** | [GitHub Project Link](#)
 - Created a Java console-based application for store management, including features like inventory management, sales tracking, and employee management.
7. **Library Management System** | [GitHub Project Link](#)
 - Developed a user-friendly Java console-based application for librarians to manage various library activities such as book management, member management, and lending/returning of books

SKILLS

- **Programming Languages:** Java, Python
- **Backend Development:** JDBC, Spring Boot, Spring Security, Spring Framework, Spring MVC, Spring Data, FastAPI
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, React.js, Flask, JSP
- **Databases:** MySQL, PostgreSQL, SQL
- **Web Scrapping:** BeautifulSoup, Selenium
- **Version Control:** Git, GitHub
- **Others:** JavaFX, Maven

CERTIFICATIONS

- HTML, CSS, and JavaScript for Web Developers - The Johns Hopkins University
- Java Spring Framework 6 with Spring Boot 3 - Udemy
- Winter Training Program | Getting Started with Spring Boot - Coding Ninjas
- Database Design and Basic SQL in PostgreSQL - University of Michigan
- Inheritance and Data Structures in Java - University of Pennsylvania
- Introduction to Java - LearnQuest
- Code Yourself! An Introduction to Programming - The University of Edinburgh
- Responsive Website Basics: Code with HTML, CSS, and JavaScript - University of London

ACHIEVEMENTS

- Final Round, **Cyber Security** at IIT Bombay Techfest, 2019