AJAY NEGI

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Education

AKIDO College of Engineering   **July 2022 – May 2025**
Bachelor of Computer Application   *India*

Relevant Coursework

- Data Structures and Algorithms
- Operating System
- Data Communication and Networking
- Database System
- Object Oriented Programming
- Software Design

Technical Skills

Languages:	Java, JavaScript, TypeScript, Python, HTML/CSS
Lib/Frameworks:	Spring Boot, Spring Security, ReactJS, NextJS
Technologies:	Linux, MacOS, Docker, Kubernetes, AWS, Git, Github
Databases:	SQL, MongoDB

WORK EXPERIENCE & OPEN SOURCE CONTRIBUTION

Open Source Contribution   **October 2023**
Hacktoberfest

- Implement error handling and utilize React state to enhance the code robustness, aiming for an 80% reduction in errors.
- Developed a comprehensive and streamlined logic and interface for a single book page, ensuring 100% functionality.

Projects

Uttarakhand Culture Preservation | *ReactJS*   **January 2024**

- Uttarakhand cultural essence now lives on through a vibrant digital tapestry, woven from threads of tradition, heritage, and community spirit.
- Our aim is to ensure that this invaluable heritage is passed down to future generations.
- Explore the project: Source Code | Live Link

LibraryMan API | *Java, SpringBoot, Mysql, Spring Data JPA*   **July 2023**

- Efficient library management API for tracking book collections, borrowing, due dates and notification.
- Implemented CRUD operations, integrated MySQL for data storage, utilized Spring Data JPA for efficient data management.
- Achieved an average response time of 300ms and handled over 10,984 API requests with a peak rate of 162 requests/second, demonstrating high reliability and performance.
- Explore the project: Source Code | API Documentation | Live Link

Library | *ReactJS*   **October 2020**

- Developed a React-based platform providing free access to an extensive collection of books.
- Integrated Geeta verses to foster spiritual well-being.
- Delivers positive benefits to users' lives.
- Explore the project: Source Code | Live Link

LEADERSHIP & AWARDS

- **Award:** Led a team that **won 1st place out of 70 teams** in a 24-hour Hackathon, by developing a healthcare accessibility platform for nearby govt. medical facilities and generic medicine identification.

- **Community Builder & Coach:** Spearheading the Uttarakhand Culture community, building a platform to preserve cultural values, learning from traditions and customs, and sharing knowledge with future generations. Github

- **Certifications:** Postman API Fundamentals Student Expert by Postman, Programming using Java by Infosys, Certified Kubernetes Application Developer (CKAD) by KodeKloud