

# AJAY NEGI

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## Work Experience

### Infosys

November 2024 – Present

#### Java Developer Intern

- Built ShieldMe, a **full-stack application** for emergency response and mental well-being, by designing 4 backend microservices with Spring Boot and MongoDB and a responsive frontend using React.
- Increased application reliability by 90% through proper logging mechanisms and detailed error response handling across all services.
- Enhanced user engagement by integrating key features, including user authentication, geolocation tracking, journaling tools, and automated SOS alerts with logs with email notifications.

### GirlScript Summer of Code

October 2024 – November 2024

#### Project Admin

- Reviewed and managed over 200+ issues and 100+ pull requests, merging 40+ high-quality contributions to improve code reliability and maintain project standards in an open-source community.
- Mentored 50+ contributors by providing constructive feedback, resolving technical challenges, and coordinating tasks to achieve timely and efficient project milestones.

## Projects

### Uttarakhand Culture Preservation Project | *Dream Project* | *Next.js, PostgreSQL*

- A groundbreaking open-source initiative aimed at preserving and promoting the rich cultural heritage of Uttarakhand for future generations, ensuring that the region's traditions, history, and natural beauty remain accessible to the younger generation.
- The platform offers an immersive digital journey through Uttarakhand's language, stories, history, spiritual heritage, cuisine, festivals, art, music, and more—creating an educational hub that connects culture with modern technology, all in one place.
- Explore the project: [Source Code](#) | [Live Link](#)

### LibraryMan API | *Java, SpringBoot, Mysql, Spring Data JPA*

- 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](#)

## Leadership & Extracurricular

- **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

## Technical Skills

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

## Education

### AKIDO College of Engineering

July 2022 – May 2025

Bachelor of Computer Application