

AJAY NEGI

Portfolio: [ajaynegi.web.app](#) LinkedIn: [ajaynegi45](#) LeetCode: [ajaynegi45](#) GitHub: [ajaynegi45](#)

WORK EXPERIENCE

Infosys Springboard

Oct 2024 – Dec 2024

Java Developer Intern

Remote

- Built a **React** frontend with admin dashboard to manage user records and enforce operational controls.
- Created 4 backend microservices using **SpringBoot** and **PostgreSQL**, used **gRPC** and **Protocol Buffers** for inter-service communication
- Reduced API error rates by **50%** through proper exception handling, logging and strict schema validation across services.

PROJECTS

FileShare - P2P File Sharing | *Java, Next.js, Zustand, WebRTC, AWS Lambda, Redis*

[link](#)

- Built a **zero-server-storage** file transfer webapp using WebRTC for browser-to-browser sharing, users connect via pin codes, qr scan or shareable links, used AWS Lambda and Redis for session handling.
- Engineered chunked streaming with backpressure control to handle multi-GB files, writing directly to disk via the **File System Access API**, with a fallback to in-memory Blob assembly.

FormMailyGo - Serverless Email Infra | *Go, AWS Lambda, RESTful API*

[link](#)

- Engineered a cost-efficient **serverless backend** that turns static-site contact-form submissions into secure emails, delivering sub-second response times and running entirely within AWS Lambda 1M free monthly request tier, ideal for solo devs and startups.

UttarakhandCulture | *Next.js, TypeScript, Vercel, Coderabbit*

[link](#)

- Building a digital archive to preserve Uttarakhand fading cultural identity by documenting local dialects, festivals, folklore, and mountain trails that younger generations are increasingly losing touch with.
- Developed interactive features for exploring the region's heritage through searchable categories, making centuries-old traditions accessible to anyone with internet, helping families reconnect with their roots.

LEADERSHIP & EXTRACURRICULAR

- **Hackathon:** Led 4 person team to win 1st place out of 70 teams in 24hr healthcare hackathon by building a government medical facility locator with generic medicine lookup.
- **Certifications:** Cloud Infrastructure Foundations Associate by Oracle, Introduction to Generative AI by AWS, Amazon Elastic Container Service & Certified Kubernetes Application Developer by **KodeKloud**
- **Technical Writing:** Publish monthly deep dives on software engineering topics on Codies Coder. [link](#)

TECHNICAL SKILLS

Languages & Frameworks: Java, Go, JavaScript, Spring Boot, React, JUnit

Cloud: AWS(EC2, Lambda, S3, IAM), Docker, Linux, Kubernetes, Jenkins

Databases: PostgreSQL, MongoDB, Redis

Others: Event-driven systems, Distributed Systems, Design Patterns, Jira, Git, Maven, REST API

EDUCATION

IITM College of Engineering

July 2022 – July 2025

Bachelor of Computer Application

Coursework: Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Computer Networking and Data Communication, Software Engineering Principles, Agile & Scrum-based Project Development