Anal Jyoti

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EDUCATION

Indian Institute of Technology Kharagpur   Kharagpur, West Bengal
CGPA 7.84/10   *Dec. 2020 – May 2025*

EXPERIENCE

HiLabs   Sep 2025 – Present
SDE-1   *Pune, India*
- Developed responsive React.js applications and REST APIs using Java and Spring Boot, serving over 10,000 users

Raxa   May 2025 – August 2025
Backend Developer   *Remote*
- Developed healthcare REST APIs using **Java Spring Boot** for Raxa, enabling secure data exchange with NHA
- Built authentication system with **OAuth 2.0** for profile management serving multiple healthcare facilities
- Implemented real-time data exchange using WebSocket, Hibernate & MySQL with encryption ensuring compliance
- Optimized **REST APIs** with Maven & Liquibase database migrations reducing response time 40% for 14K users

CompilerAI   May 2024 – July 2024
SDE Intern   *Delhi, India*
- Worked on a VS Code extension called EqCheck with a frontend written in TypeScript and a backend in Node.js
- The purpose of the extension is to check equivalence between a C file and its corresponding assembly file or O file
- Enhanced the Node.Js server to support Windows in addition to Linux, expanding the user base by 50 percent
- Utilized Visual Studio's Makefile utility to enable the compilation and proof analysis for more than one C file

Zoko   Dec. 2023 – Jan. 2024
SDE Intern   *Bangalore, India*
- Created a landing page using ReactJS and GSAP with optimized scroll animations for a smooth user experience
- Built horizontal scrolling component with scroll animations triggered by viewport visibility using API-driven data
- Designed a landing page in Figma to enhance user experience, driving visitor signups with modern design elements

PROJECTS

BuyNBye – Student Marketplace Platform (Link)
To build a full-stack web platform enabling students of IIT Kharagpur to buy, sell, and bid on campus-used items securely
- Developed a MERN stack platform with user authentication, product listing, bidding, and email verification
- Implemented robust JWT-based secure login and session handling with token refresh and protected routes
- Integrated Gmail SMTP service using Nodemailer for real-time email verification during user registration process
- Deployed backend on Render and frontend on Vercel; connected to MongoDB Atlas for cloud data persistence

CODING COMPETITIONS

- Reached expert(1614 rating) on Codeforces (id: less_than_green) and 4*(1903 rating) on Codechef (id: ajsingh176)
- **Codechef:** Secured global rank 158 and 279 in starters 147 and 144, respectively, out of 12000+ participants
- **Codeforces:** Obtained global rank of 114 and 364 in rounds 993 and 994, respectively, out of 15000+ participants
- **Google Farewell 2023:** Secured global rank 498 in round A and 711 in round B out of 6000+ contestants
- **Meta Hacker Cup 2024:** Secured global rank 1793 in round 1 and 2472 in round 2 out of 22000+ competitors

SKILLS

Tools and Technologies: Java, C++, C, Python, JavaScript, Typescript, C#, MongoDB, LaTex, SQL
Technical competencies: Spring Boot, AWS, Docker, REST APIs, Node.js, Express.js, React, OOPs