

NAVAL CHANDRA MISHRA

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Naval Chandra Mishra

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Education

Indian Institute Of Information Technology Agartala

Bachelors of Technology in Computer Science and Engineering

2023 – 2027

CGPA: 8.86

Chinmaya Vidyalaya

Senior Secondary (XII)

2021 – 2022

Percentage: 96.0

SJS Public School

Secondary (X)

2019 – 2020

Percentage: 98.4

Projects

MeetFlow — Full Stack Video Conferencing Platform

- Built a full-stack real-time video conferencing platform using **Next.js 14**, **TypeScript**, **Stream Video SDK**, and **Stream Chat SDK**, supporting video/audio calls, screen sharing, recordings, and live chat.
- Implemented secure authentication, authorization, and user management using **Clerk**, enabling protected routes and seamless session handling.
- Developed collaboration features including **meeting scheduling**, **meeting history**, **personal meeting rooms**, and invitation-based joining with persistent storage in **MongoDB Atlas**.
- Designed a responsive UI using **Tailwind CSS** and deployed the application through **Vercel CI/CD**.

AI Resume Analyzer — Generative AI Application

- Developed an AI-powered ATS resume evaluation platform using **Next.js**, enabling resume analysis against job descriptions with automated scoring and feedback.
- Integrated **Google Gemini API** for resume parsing, keyword extraction, skill-gap analysis, and personalized improvement recommendations.
- Implemented PDF resume upload, text extraction, job-description matching, and ATS compatibility scoring using modern web technologies and **REST APIs**.
- Built a responsive user interface with **TypeScript** and **Tailwind CSS**, and deployed the application on **Vercel**.

Airbnb Backend API — Spring Boot Backend System

- Developed a scalable hotel booking backend using **Spring Boot**, **PostgreSQL**, and **Hibernate/JPA**, supporting hotel, room, booking, and user management workflows.
- Designed and implemented **20+ RESTful APIs** secured with **Spring Security** and **JWT Authentication**, enabling role-based access control.
- Implemented booking lifecycle management, inventory tracking, guest handling, and optimized relational database operations using **Spring Data JPA**.
- Documented and tested APIs using **Swagger/OpenAPI** and containerized services with **Docker** for streamlined development and deployment.

Achievements

- **LeetCode: Knight** — Rating **1900+**, Top **3.18%**, **1000+** problems solved. [Profile](#)
- **Meta Hacker Cup 2024**: Achieved **Global Rank 2111** in Round 1. [Profile](#)
- **Adobe India Hackathon 2025**: Qualified for **Stage 2** among nationwide participants. [Certificate](#)
- **Hacktoberfest 2025**: Super Contributor with **8 merged pull requests** across multiple open-source repositories. [Certificate](#)
- **GirlScript Summer of Code (GSSoC) 2024**: Super Contributor for consistent, high-impact open-source contributions. [Certificate](#)
- **Codeforces: Pupil** with a peak rating of **1348**. [Profile](#)

Technical Skills

Languages: C++, C, Python, JavaScript, TypeScript, Java, SQL

Frameworks & Technologies: Spring Boot, Spring Security, React.js, Next.js, Tailwind CSS

Databases: PostgreSQL, MySQL, MongoDB Atlas

Backend & APIs: REST APIs, JWT Authentication, Hibernate/JPA, Swagger/OpenAPI, Clerk Authentication

Tools: Git, GitHub, Docker, Linux, Maven, VS Code, Vercel

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks