

Mrinal Anand

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EDUCATION

IEM,KOLKATA

B.TECH IN COMPUTER SCIENCE

GPA:8.92/10.0

2021-2025

K N MEMO ACADEMY

SSC (XII)

Percentage: 73.4

2019

K N MEMO ACADEMY

SSC (X)

CGPA:9.4/10

2017

LINKS

Portfolio://mrinalanand

Github://mrinalanand

LeetCode://mrinalanand

LinkedIn://mrinalanand

GeeksForGeeks://mrinalanand

Codeforces://mrinalanand

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms

Database Management System

Object Oriented Programming

Operating System

Computer Networks

Compiler Design

SKILLS

PROGRAMMING

Experienced:

C++ • C • Javascript • HTML • CSS

• Git • TailwindCSS • ReactJS

• JAVA • Node.js • Express.js • MongoDB

Intermediate:

• MySQL • Bootstrap • ReactNative •

Maven • Springboot • JIRA

Familiar:

• Machine Learning • Python

• Docker • Prompt Engineering • Cloud Services

EXPERIENCE

STRENGTH | BACK END DEVELOPER

Oct 2024– Dec 2025

- Developed RESTful APIs using Node.js and Express, ensuring seamless communication between frontend and backend systems, leading to a 25% increase in application efficiency.
- Engineered robust database schemas with MongoDB, improving query performance by 30% and enabling the application to handle a 40% increase in user data without latency
- Designed microservices-based systems with Redis caching, ensuring high traffic resilience and zero downtime during peak periods

PROJECTS

DOCUP Live

- Developed and launched a user-friendly website, enabling patients to easily book appointments with listed doctors from the comfort of their homes
- In a 36-hour hackathon, our team of four members built a system to streamline doctor appointment management. Patients can book appointments with doctors, and doctors can view their scheduled patients, benefiting countless individuals
- TechnologiesUsed:HTML,CSS,JS,MongoDB,Mongoose,Express.js ,Encryption,NodeJS,Bootstrap

DIGORBIT Live

- Built Digorbit, a platform dedicated to crafting tailored digital experiences that elevate brand presence, user engagement, and business growth
- incorporated features that doubled business growth through enhanced user engagement and accessibility.
- TechnologiesUsed:ReactJs,Javascript,Bootstrap,TailwindCSS

VIDEOTUBE Live

- Developed a comprehensive video hosting backend using Node.js, Express.js, MongoDB, and Mongoose. Implemented secure user authentication with JWT and bcrypt, enabling features like login, signup, video upload, comments, and subscriptions
- Adhered to best practices, including access and refresh token management for enhanced security.
- Technologies Used:Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt, RESTful APIs

ACHIEVEMENTS/CERTIFICATIONS

- Cleared two elimination rounds in TATA IMAGINATION CHALLENGE and came under 6415 selected students out of 263654 registered students
- 3rd Place - IIT Dhanbad Hackfest 2023 under ABIT track
- Instagram page for coding-related content, growing the follower base to 20k.
- Solved 500+ problems on Geeks for Geeks, maintaining a 400-day streak.