Rahul Mimani

Bachelor of Technology
Mechanical Engineering
Indian Institute Of Technology (BHU) Varanasi

+91-8532088745
rahulmimani1112@gmail.com
LinkedIn
Portfolio

EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech MEC	Indian Institute Of Technology (BHU) Varanasi	IIT (BHU)	9.23 (Till 7th Sem)	2020-2024
12th	Radha Madhav Public School	CBSE	95.20%	2020
10th	Radha Madhav Public School	CBSE	92.40%	2018

SKILLS

- **Programming Languages**: C/C++, Python, HTML, CSS, JavaScript, SQL, Java, Typescript
- **Tools and Frameworks**: ReactJs , NodeJs , Redux , Fastify , NumPy , Matplotlib , Redis , ElasticSearch , Linux , Pandas , Matplotlib, Prisma ORM , Pytorch, JWT , AWS Lambda , MongoDB , PlanetscaleDB , Chart.js , Django , React-native
- **General**: Data Structures and Algorithms, Object-Oriented Programming , DBMS, OS
- **Others**: Git, Github , Firebase, Socketio , Network Security

WORK EXPERIENCE

- **Loopout**   *DEC 2022 - JAN 2023*
  Winter Internship
  – Built scalable multi-endpoint server at Loopout, connecting to microservices for user and shopper profile management.
  – Developed secure and efficient user management system using AWS Lambda for authentication and Prisma ORM for database interactions.
  – Leveraged diverse technologies including AWS Lambda, Prisma ORM, Fastify, and Planetscale database for optimal performance and security.

- **Standard Chartered Bank (GBS)**   *MAY 2023 - JULY 2023*
  Summer Internship
  – Developed interactive transaction monitoring dashboards for clients, leveraging ReactJS for the frontend development and Springboot for developing microservers.
  – Implemented Elasticsearch for efficient data exploration, enabling clients to analyze transactions in real-time.
  – Gained practical understanding of n-tier architecture and international banking system technicalities.

PROJECTS

- **AI-Powered Stock Prediction Platform**
  Gap Trading Assistant with Real-Time Price Predictions
  – Interactive stock platform showcasing real-time prices and AI-guided predictions
  – Built dynamic UI with ReactJS, enabling users to view live stock prices and access AI-driven buy/sell predictions based on multiple models and strategies.
  – Leveraged Machine Learning (Random Forest) and technical analysis (Gap Trading) to generate real-time buy/sell predictions, exceeding 100% return in dry runs.

- **Pharm Store**
  Deployment
  – Developed a full-stack pharmacy store application using ReactJS for the frontend and NodeJS for the backend.
  – Integrated Google Sign-In for user authentication, used JWT tokenization for secure access.
  – Implemented CRUD operations for users and products, integrated a payment button, and built a contact form with email sending functionality using EmailJS.
  – MERN Stack Expertise: ReactJS, Node.js, Express, MongoDB

- **Personal Cloud Storage System**
  Github
  – Built high-performance app for file management and sharing.
  – Developed secure NodeJS cloud storage with Passport-powered auth and crypto powered encryption. Split files for faster downloads and stored them in Firestore.
  – Leveraged Passport, Nodejs, expressjs and Firebase to create a scalable and secure cloud storage solution.

HONOURS AND ACHIEVEMENTS

– Rated 1500 , Specialist on Codeforces
– Achieved a Global rank of 2772 in Codeforces Global Round 21
– Achieved a global rank of 1043 in Codeforces Round 802 Div 2

POSITIONS OF RESPONSIBILITY

- **Public Relation Manager**
  SPARDHA IIT BHU
  - Coordinated communication for Spardha IIT BHU, an inter-college sports and cultural festival.
  - Mentored team of 12 students and ensure smooth management of all events and proper prize distribution to winners.
  - Developed interpersonal and leadership skills through collaboration and problem-solving in a dynamic environment

EXTRA-CURRICULAR ACTIVITIES

- **Core team member of Society of Automobile Engineering IITBHU**, Co-ordinated various workshops and guided 150+ students in the field of Automobile Engineering.

- **Contributed to E-Cell IIT BHU's activities as a member**, including designing and producing a magazine to showcase the organization's initiatives and events.