

NILADRI HAZRA

Full Stack Developer

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SUMMARY

As a Software Engineer specializing in the MERN stack, Developed and deployed full-stack web applications using the MERN stack, leading to a reduction in development time by 30% for new project launches during internship period.

EXPERIENCE

Full stack Engineer (Intern) [Live Link](#) Eastern Coalfields Limited

📅 06/2024 - 08/2024 📍 Kolkata, India

Internship focusing on software solutions and API integration

- Developed a full-stack web application using the MERN stack to enable ECL employees to schedule appointments with doctors in ECL hospitals
- Implemented responsive UI for easy navigation and booking
- Integrated backend APIs for seamless data management and real-time appointment scheduling
- Ensured security measures for user data, adhering to company policies and regulations
- Collaborated with a cross-functional team to deliver the project on time, significantly improving healthcare access for employees

KEY ACHIEVEMENTS

Improved Code Efficiency

Reduced page load times by 20% using modern ES6 techniques.

Enhanced Healthcare Access

Increased appointment scheduling efficiency by 40% with the Upgraded web app.

Ensured Data Security

Secured user data and logged 0 breaches during internship project.

Accelerated Project Launches

Decreased development time by 30% through effective full-stack deployment.

EDUCATION

Techno Main Salt Lake

B.Tech in Computer Science Specialization in AIML

📅 09/2022 - 01/2024 📍 Kolkata, India

CGPA - 8.45

PROJECTS

AI Tools Web Application

📅 10/2024 - Present [Live Link](#)

- Architected a responsive user interface using Next.js and Tailwind CSS, integrating five external APIs for real-time data processing, leading to a 15% improvement in user engagement metrics
- Pioneered a suite of four AI-powered content creation utilities, including background removal, text-to-speech, and summarization tools, reducing content creation time by an average of 30 minutes per task

Multiplayer Chess

📅 01/2025 - 03/2025 [Live Link](#)

Multiplayer Chess

- Orchestrated the front-end design for a real-time chess platform, employing Next.js and Tailwind CSS to ensure a responsive user experience, resulting in a 90% user satisfaction rating based on initial surveys
- Engineered a serverless, real-time chess platform leveraging Next.js and Tailwind CSS, enabling instant gameplay through unique code generation, attracting 100 active users within the first week after launch

Chirag - Storage Management System

📅 10/2024 - 11/2024 [Live Link](#)

Chirag - Storage Management System

- Implemented features within 'Chirag' storage management system including version control and user permission settings within two weeks, resulting in a 30% decrease in accidental file overwrites.

RupiyaSol - Web based Solana Wallet

📅 11/2024 - 12/2024 [Live Link](#)

RupiyaSol - Web based Solana Wallet

- Developed and launched a Web3-based Solana wallet application that enabled users to manage over 1,000 assets, send SOL seamlessly, sign messages securely, and view transaction history effortlessly