Romit Dey

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EDUCATION

Vellore Institute of Technology   September 2022 – May 2026
Bachelor of Technology in Computer Science   *8.93 / 10*

EXPERIENCE

Jindal Steel and Power   Odisha
Software Engineering Intern   *June 2024 – July 2024*

- Developed and deployed a night surveillance application using **ReactJS**, achieving a seamless production deployment; enhanced system performance metrics, resulting in a **40%** reduction in response time for security alerts during night operations.
- Executed a project that transformed report management workflows, enabling on-demand custom report generation and significantly improving user satisfaction, as evidenced by positive feedback from over 30 team members.
- Implemented mission-critical surveillance features that scaled to **5,000+ daily users**, resulting in **35%** faster incident response times and establishing automated feedback systems for security operations.

PROJECTS

Evencio   ⎘

Next.js, React.js, TypeScript, OpenAI API, Postgresql , Prisma

- Developed a comprehensive event management platform featuring **Kanban boards**, **budget optimization AI**, and **secure authentication**, enabling users to efficiently create, track, and visualize events with interactive charts, resulting in 40% improved organizational workflow.
- Engineered collaborative functionalities including **organization chat**, **social media integration**, and **AI-powered content generation** for posters and speaker recommendations, enhancing team communication and reducing event planning time by 35%.

TresorX   ⎘

Next.js, React.js, TailwindCSS , Solana-wallet-adapter , solana/web3.js , SPL token library

- Implemented a comprehensive web application, which allows users to **create tokens** with **metadata**, **airdrop** SOL, **transfer** SOL, and check wallet balances, significantly enhancing interaction with Solana-based applications.
- Integrated advanced Solana features using **Next.js** and TailwindCSS, creating a responsive and user-friendly interface for seamless interaction with the **Solana blockchain**, improving user satisfaction and engagement across all devices.

TECHNICAL SKILLS

Frontend Development: React.js (Hooks, Redux, Context API), Next.js, TypeScript, HTML5/CSS3, TailwindCSS
Backend & APIs: Node.js, REST APIs, Microservices, WebSocket, Socket.IO, Express.js, Hono
Databases & ORM: PostgreSQL, MongoDB, Redis, Prisma, Mongoose
Cloud & DevOps: AWS (EC2, S3), Docker, CI/CD, Vercel, Cloudflare Workers
Languages: JavaScript, TypeScript, C++
Blockchain: Solana (Web3.js), Solidity, Ethers.js

ACHIEVEMENTS

- **Winner, Hackefest 2024**: Created the highest-rated project among 30+ teams with a multi-functional platform for buying/selling goods and locating lost items with blockchain verification and ML algorithms.
- **Finalist, HackXplore 2025**: Selected in top 10 finalists out of 325 participating teams at SPIT Mumbai's premier hackathon competition. Built an event management platform using AI to streamline budgets and promote events.
- **Runner-Up, VIT Unplugged Hackathon**: Secured second place among 110+ teams by developing a GenAI model and Next.js website for student studies and faculty grading assistance.

CERTIFICATIONS

- **NPTEL Cloud Computing Certification**: Scored in the top 2% nationwide, earning a Silver + Elite certificate.
- **Postman Student API Fundamentals**: Completed the course, gaining proficiency in API development and testing.