

ADITI SINHA

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in LinkedIn

LeetCode

HackerRank

Github

EDUCATION

B. Tech in Computer Science and Engineering

Institute Of Technical Education and Research(CGPA:8.59)

2021- 2025

Bhubaneswar, Orissa

Intermediate

St. Francis School

2018-2020

Ranchi, Jharkhand

Matriculation

St. Francis School

2005-2018

Ranchi, Jharkhand

WORK EXPERIENCE

Frontend Developer | FUTURISTIC FRAMEWORK

June 2024 – Aug 2024 | Ranchi, India

- Led the development of a government HRMS platform using Next.js and Tailwind CSS, serving 500+ employees and streamlining operations.
- Designed and implemented 6+ core modules, including Payroll Processing and Leave Management (handling 100+ monthly requests), automating workflows to enhance efficiency.
- Secured the platform with Role-Based Access Control (RBAC) via NextAuth.js, enabling granular permissions and ensuring strict data compliance.
- Improved HR efficiency by 40% and reduced manual workload by 30% through optimized UX design, process automation, and performance enhancements.

SKILLS

Languages

JAVA | HTML | JAVASCRIPT | NextJS | ReactJS | NodeJS

DevOps

AWS | EC2 | S3 | Terraform | Docker | Jenkins

Blockchain

Solidity | ethers.js | Ethereum | Solana | Hardhat

Database

SQL | MongoDB

Coursework

Data Structures and Algorithms | DevOps

Object-Oriented Programming | Computer Networks |

Database Management System

PROJECTS

FinCrypt: DeFi Lending Platform | [Link](#)

- Engineered a DeFi lending platform with React.js, Express.js, and MongoDB, integrating multi-functional pages for loans, deposits, investments, and an NFT marketplace with real-time dashboards.
- Integrated MetaMask for secure cryptocurrency transactions, enabling decentralized lending, borrowing, and NFT trading.
- Deployed secure, gas-efficient Ethereum smart contracts in Solidity using Hardhat for NFT minting and lending functionality.
- Tech Stack:** React.js, Express.js, MongoDB, Solidity, Hardhat, Ethereum, MetaMask API, Tailwind CSS.

E-retail Management Platform with CI/CD Pipeline | [Link](#)

- Architected a secure two-tier e-commerce platform with containerized React frontend and Node.js/Express backend, integrating user authentication.
- Developed a full product catalog management system (CRUD) via RESTful APIs, tested with Postman for integrity.
- Automated AWS deployment with Terraform and Jenkins CI/CD for Docker builds and infrastructure provisioning.
- Tech Stack:** React.js, Node.js, Express.js, MongoDB, Mongoose, Docker, AWS (EC2, VPC), Terraform (IaC), Jenkins, Postman.

BudgetWise: Dynamic Budget Tracking Platform | [Link](#)

- Built a real-time finance platform using Next.js, Supabase, and PostgreSQL (via Prisma) for budgeting and expense tracking.
- Integrated AI-driven insights and automated budgeting with Inngest and ArcJet for secure, serverless automation.
- Designed a responsive UI using Tailwind CSS and Shadcn UI, improving user experience across devices.
- Implemented secure authentication, transaction history, and smart savings suggestions to enhance financial planning.
- Tech Stack:** Next.js, Supabase, Prisma, PostgreSQL, Inngest, ArcJet, Tailwind CSS, Shadcn UI

AI-Powered Image Generator | [Link](#)

- Built a browser-based AI image generation platform using HTML, CSS, and JavaScript, enabling creation of high-quality, customizable visuals.
- Integrated AI APIs for text-to-image generation with real-time rendering, downloads, and advanced features like prompt customization, style selection, and resolution control.
- Designed a responsive, user-friendly interface with optimized CSS to ensure seamless performance across devices.

CERTIFICATION

[AWS Cloud Practitioner Essentials\(AWS\)](#) | [DevOps Internals\(SOA University\)](#)