

ADITI SINHA

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Portfolio

LinkedIn

Leetcode

HackerRank

GitHub

EDUCATION

B.Tech in Computer Science and Information Technology

Institute of Technical Education and Research, SOA-CGPA: 8.59

2021 - 2025

Bhubaneswar, Odisha

Intermediate

St. Francis School

2019 - 2020

Ranchi, Jharkhand

Matriculation

St. Francis School

2017 - 2018

Ranchi, Jharkhand

WORK EXPERIENCE

Frontend Developer | Sirpi Products and Services

October 2025 – December 2025 | Bengaluru, India

Project – TGDeX (Telangana Data Exchange)

- Developed 12+ core modules for the Discussions and Challenges page using Angular and TypeScript, supporting competition creation, participation, discussion management, and solution submission or resubmission, handling 500+ active users.
- Implemented Pending Reviews and Review History modules with 10+ search, sort, and filter options, enabling real-time updates and controlled content visibility, increasing admin review efficiency by 40%.
- Engineered an admin-side review system to manage 100+ user discussions, introducing three moderation states (Accepted, Rejected, Pending Review) and fixing critical UI and workflow bugs, improving content governance and application reliability.

Project - Visual Data Stories

- Implemented scalable authorization and authentication system using React, enabling controlled free-tier access.
- Integrated Razorpay payment workflows supporting 100+ users, 300+ transactions, and 99% payment success with secure premium feature access validation.

Web Developer Intern | Shunya Digital

September 2025 – October 2025 | Remote

- Optimized client website using React and Tailwind CSS, reducing page load time by 25% through responsive UI optimization.
- Modularized and redesigned course, program pages with reusable React components, boosting user engagement by 20%.

SKILLS

Languages: Java | JavaScript | TypeScript

DevOps & Cloud: AWS | Terraform | Docker | Jenkins | CI/CD | Git | GitHub

Databases: PostgreSQL | NeonDB | MongoDB

Web Technologies: HTML | CSS | React.js | Next.js | Node.js | Express.js | Tailwind CSS | REST APIs

Coursework: Data Structures and Algorithms | Object-Oriented Programming | Computer Networks | DBMS

PROJECTS

Summarium: AI SaaS PDF Summary Generation | [Link](#) | [GitHub](#)

- Developed a full-stack AI SaaS platform for secure PDF uploads and automated summary generation using Next.js, React and GPT-4, converting long documents into concise, interactive summaries, improving content consumption speed by 45%.
- Executed secure authentication and role-based dashboards using Clerk, protected routes, and optimized text processing with Lang Chain parsing, reducing processing time by 35% and improving onboarding and system usability by 40%.
- Integrated subscription billing and scalable infrastructure using Stripe webhooks and Neon DB, enabling Basic and Pro plans, enforcing usage limits, enabling real-time updates, and ensuring 80% data reliability in a production-ready SaaS deployment.

AI-POWERED RFP Management System | [Link](#) | [GitHub](#)

- Built an AI-powered RFP Management platform that automates procurement workflows using React, Node.js and Google Gemini, cutting manual proposal creation by 60%.
- Designed an intelligent proposal ranking engine that evaluates 5+ vendor proposals based on budget and timelines, providing data-driven recommendations and speeding up vendor shortlisting by 50%.
- Integrated an automated email ingestion workflow with Nodemailer and MongoDB, achieving 95% accuracy in extracting pricing and contract details from vendor replies, enhancing procurement decision reliability.

E-Retail Inventory Management Platform with CI/CD Pipeline | [GitHub](#)

- Built a scalable two-tier e-commerce system with a React.js frontend and Node.js/Express backend, implementing authentication and catalog management that decreased manual errors by 30%.
- Strengthened Data integrity and API reliability using MongoDB and Postman, increasing API stability by 25%.
- Deployed the platform on AWS with Docker, Terraform, and Jenkins CI/CD pipelines, reducing release cycle by 40%.

CERTIFICATION

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