UDAI DAS

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EDUCATION

Bachelor of Computer Science, ICFAI University, Tripura   2023-2027
9.58 SGPA

SKILLS

Language	C, C++, Python, Typescript, HTML, CSS
Frameworks	React, Next.js, Node.js, Fast API, Tailwind
Database	Mongo DB, Postgres, My SQL, SQLITE 3, REDIS
Tools	Oracle cloud, AWS, Docker, Kubernetes, Git/Github, Rabbit MQ, NGINX, Prisma

WORK EXPERIENCE

Software Engineer (Freelance), Aaharan EduSMART Pvt. Ltd.   May 2025 – Sep 2025
Build the Official District KPI monitoring System for Gov of Tripura

- Built a three-tier KPI monitoring platform using React, TypeScript, Node.js, PostgreSQL with in-memory caching, reducing server load by 75%.

- Implemented CERT-compliant security using TLS 1.3, NGINX, Redis-backed rate limiting, HMAC signing, OTP authentication, and JWT blacklisting.

- Deployed on Government VPS with CI/CD via GitHub Actions, Cloudflare CDN, and frontend optimizations, supporting 800K+ users with <100ms response time. [(Demo)]() [(Contract)]()

Software Engineering Intern, National Informatics Centre (NIC)   May 2025 – Jul 2025
Build a Platform where all Government Services are available at a single place

- Developed e-governance platforms using Python, React, Node.js, Prisma, Docker, Redis, and CDN edge caching, delivering 5+ citizen services.

- Designed d event-driven microservices with JWT-based RBAC, API gateway, Rabbic MQ and admin dashboards managing 100+ services.

- Built omnichannel automation with WhatsApp bots, NLP workflows, bilingual support, and async queues, reducing physical visits by 70%. [(Certificate)]()

PROJECTS

Oatmeal – AI Resume & ATS Optimization Platform

- Built a full-stack Next.js application using TypeScript and MongoDB with Google Gemini AI, reducing application preparation time by 75%.

- Designed 30+ reusable UI components, 10+ professional templates, real-time editing, and AI rate-limiting optimizing API costs by 60%.

- Implemented authentication, analytics dashboards, file uploads, resume scoring, job matching,AI Cover letter generation, and Razorpay payment gateway integration. [(Try it here)]()

ACHIVEMENTS CERTIFICATIONS

- 2 times state level hackathon contest winner in Web Development [Certificate]()

- Design lead in Geeks for Geeks University Club

- Certification in DSA, Docker & Kubernetes, DS & ML