Subhradip Sinha

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EDUCATION

Maulana Abul Kalam Azad University of Technology   Aug 2022 - Jul 2026
Bachelor of Technology in Computer Science and Engineering

Raniganj High School   2020 - 2022
X: 93%, XII: 92%

EXPERIENCE

Full-Stack Developer (Freelance Contract)   2025
Sec-Prop — Platform tailored for architects
- Delivered production-ready features via GitHub workflows.
- Boosted user onboarding by **74%**.

Full-Stack Contributor   2025 - Present
amidarh.com
- Reduced AWS compute costs by **60%**.
- Improved internal notification delivery and overall system stability.

PROJECTS

SubTerm - Codespaces-style Web IDE   2025
React, Express, AWS
- Built a web-based IDE supporting real-time terminal execution.
- Integrated live terminal interaction using Socket.IO and Node-pty.

JustPing - Page Monitoring Platform   2026
Go, TypeScript, React
- Built a system to monitor competitor web pages via DOM element pinning.
- Implemented selector-based change detection and alerting.

Rekognizer - AI image recogniser   2024
React, AWS Lambda, Terraform
- Developed an image recognition tool with a lightweight frontend.
- Deployed Python-based processing using AWS Lambda.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Golang, Python, SQL, HTML/CSS
Web: React, Next.js, TailwindCSS, Nodejs, Express, Prisma, Socket.IO, LangChain
Cloud & DevOps: AWS (EC2, S3, ECS, SQS, SES), Docker, Terraform, Nginx, Linux
Databases: MongoDB, SQLite, Redis
Tools: Git, GitHub, VS Code, Postman, Vercel

ACHIEVEMENTS

- MongoDB Associate Developer Certified.
- Completed a Virtual Internship at Deloitte.
- Runner up in SIH Hackathon