

ANUBHAB DEBNATH

FULL-STACK ENGINEER | BACKEND ENGINEER

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Kolkata, India | Open to relocation across India | International remote roles

PROFESSIONAL SUMMARY

Full-stack engineer building TypeScript products and backend services with Next.js, NestJS, PostgreSQL, RabbitMQ, and Docker. Experienced in authentication and IAM, distributed service workflows, security remediation, developer tooling, and end-to-end SaaS product development.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Frontend: Next.js, React, Tailwind CSS, Redux Toolkit, Radix UI, responsive and accessible UI

Backend: NestJS, Node.js, Express.js, REST APIs, CQRS, RabbitMQ, WebSockets, OpenAPI

Data & Infrastructure: PostgreSQL, MongoDB, MySQL, Prisma, TypeORM, Redis, Docker, AWS, Vercel, GitHub Actions

Engineering: JWT, RBAC, authentication/IAM, API security, VAPT remediation, unit and integration testing

EXPERIENCE

Vara Infrovate Pvt. Ltd., Kolkata, India

Jan 2026 - Present

Operations & Delivery Intern - Software Engineering

- Delivered 47 merged pull requests across 7 repositories for an enterprise credential verification platform, contributing to its Next.js frontend, NestJS IAM and document services, shared contracts, and API integrations.
- Built authentication and organization-access workflows using JWT sessions, CQRS, RabbitMQ RPC/events, scoped guards, split user/organization claims, membership models, password recovery, and invitation flows.
- Implemented full-stack features and VAPT remediations spanning upload history, verification/search flows, notification preferences, session invalidation, input validation, CSP/HTTPS enforcement, Turnstile, and dependency upgrades.
- Developed a role-based Next.js application for a land digitization platform, covering GIS parcel mapping, survey capture, transfer and inheritance workflows, and Docker-based deployment for a national competition.

Blanc Technologies, West Bengal, India

May 2023 - Apr 2024

UI Designer

- Designed web and mobile workflows for the Agrishop product and established reusable interface standards across product surfaces.
- Mentored junior UI and graphic designers and reviewed design quality for implementation handoff.

SELECTED PROJECTS

Sembli - Independent Product | Next.js, NestJS, TypeScript, Prisma, PostgreSQL, Hono, Docker

- Building a multi-tenant customer feedback and testimonial platform with hosted forms, response moderation, embeddable widgets and walls, analytics, billing/webhooks, background workers, and an MCP adapter.
- Architected a TypeScript monorepo with separate product, admin, API, worker, and hosted-form runtimes, shared Prisma data models, OpenAPI contracts, and containerized deployment paths.

Specord | TypeScript, NestJS, OpenAPI 3.1 | [GitHub](#)

- Built source-first tooling that statically extracts NestJS routes and DTOs and emits validated OpenAPI 3.1 JSON without booting the app or depending on `@nestjs/swagger`; includes CLI inspection, generation, and local docs serving.

LinkGuard | Python, Typer, aiohttp, BeautifulSoup, Pytest | [GitHub](#)

- Built an asynchronous link-validation CLI with environment-aware production rules, JSON/CSV/Markdown reports, GitHub Actions CI, 91 passing tests, 71% coverage, and TestPyPI packaging.

EDUCATION

Adamas University, Kolkata, India

2022 - 2026

Bachelor of Technology in Computer Science and Engineering | CGPA: 7.79/10