SUBHANKAR ROY

Senior Full Stack Developer | Node.js | TypeScript | React | Next.js | Angular | MongoDB

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with **4+ years of full-time experience** building enterprise workflows and production commerce platforms with Node.js, TypeScript, React, Next.js, Angular and MongoDB. Delivered SAP-integrated systems for **2,500+ employees** and procurement for **200+ users**, reduced document loading time by **93.75%**, and built a commerce platform processing **600+ monthly orders** and **INR 400,000+ monthly sales**. Strong in RESTful API design, transactional data consistency, idempotent payments, RBAC and AWS deployment. **Available to join immediately.**

SKILLS

Backend: Node.js, Express.js, RESTful API Design, Authentication (SSO, OTP, OAuth), RBAC, Audit Logging

Frontend: TypeScript, JavaScript (ES6+), React, Next.js, Angular, RxJS, NgRx, Tailwind CSS, HTML5, CSS3

Databases: MongoDB, Mongoose, PostgreSQL, Firebase

Cloud and DevOps: AWS (EC2, S3, CloudFront), Docker, Linux, GitHub Actions, CI/CD, PM2, Apache, Shell Scripting, Git

Testing: Jest, Vitest, Supertest, Unit and Integration Testing, API Testing

Integrations: SAP, TenderTiger, Razorpay, PayPal, Shiprocket, Zoho Books, eMudra

AI Tools: Claude Code, OpenAI Codex

PROFESSIONAL EXPERIENCE

MEAN Stack Developer

Shyam Future Tech Pvt. Ltd / Shyam Steel Industries Ltd | Kolkata | Mar 2024 – Oct 2026

Joined Shyam Future Tech Pvt. Ltd on 7 Mar 2024; transitioned to Shyam Steel Industries Ltd on 31 Oct 2025 with the same product responsibilities through 31 Oct 2026.

- Architected **SFTNirman** procurement workflows for **200+ users** across **8 processes**; integrated SAP and TenderTiger and built Node.js APIs for BIM/3D CAD design reviews.
- Launched SAP-integrated **SFTravelDesk** for **2,500+ employees** across **5 group companies**, covering travel approvals, expenses, advances, reimbursements and company-level reporting.
- Reduced document loading time in **SFTDox** by **93.75%**, from **8 minutes to 30 seconds**; added dashboards, annotations and collaboration features.
- Established **SFTWarehouse**, an Angular single sign-on platform for group applications, and built **SFTVault** asset management in Next.js.
- Integrated a React AI-chatbot frontend into the Angular-based **SFT Evolve HRMS**; delivered an appraisal solution for Andrew Yule & Company and a storefront for Scaffold Mart (UK).
- Resolved frontend, API and database issues in production, optimized API responses and automated manual processes within Agile teams.

MEAN Stack Developer

Ivan Infotech Pvt. Ltd | Kolkata | Sep 2022 – Mar 2024

- Engineered Angular modules, Node.js REST APIs and MongoDB services for **CalGamesWanted**, a sports scheduling platform for California high schools.
- Built **SignLix** e-signature workflows: document upload, signer management, signing order, signature placement and tracking, with eMudra Aadhaar-based signing.

- Expanded **Vrasio** property search, filters and booking flows with Google Maps Place ID support.
- Developed an Electron.js desktop application with web-platform data synchronization, reusable Angular components and request validation.

Full Stack Developer (Contract)

Seabrin Logistics Pvt. Ltd | Sodpur | Feb 2021 – Aug 2022

- Delivered a MEAN-stack logistics platform for Kolkata-Assam freight: vendor bidding, trip tracking, and vehicle/trip contracts with daily cost calculation.
- Platform currently holds **5,716 trips**, **30,538 fixed-trip records** and **355 vendors**.
- Contributed to product administration, listings and order workflows for a Next.js and React electronics e-commerce platform.

Full Stack Developer (Contract)

Healthy Hearing Pvt. Ltd | Barrackpore | Jan 2020 – Dec 2020

- Built audiometry reporting software (Angular, Node.js, MongoDB) with role-based access; cut report preparation from **10-15 minutes to 2-3 minutes**.
- Automated audiogram plotting, pure-tone average calculations and report recommendations; deployment now holds **7,766 patient records** across **2 centers**.

PROJECTS (CONTRACT)

ELEXIFY

Multichannel E-commerce Platform | Jul 2024 – Present

Next.js, Angular, Node.js, Express.js, MongoDB, AWS | elexify.online

- Architected storefront, admin panel, REST API and Android app handling **600+ monthly orders** and **INR 400,000+ in monthly sales**.
- Engineered **concurrent checkout** with MongoDB transactions, atomic stock updates and inventory reservations, plus **idempotent payment processing** for repeated gateway callbacks.
- Integrated Razorpay, partial COD, refunds, Shiprocket and GST/Zoho Books invoicing; enforced **~170 RBAC permissions** with audit logging.
- Automated abandoned-cart recovery and customer notifications.
- Automated checkout-concurrency and payment-reconciliation tests; deployed on AWS EC2, S3 and CloudFront with GitHub Actions CI.

Rudraksha Valley

Customizable E-commerce Platform

Next.js, Angular, Node.js, Express.js, MongoDB, AWS S3 | rudrakshavalley.com

- Built catalog, inventory, orders and CMS; a product builder with server-validated pricing; and GeoIP-based multi-currency pricing.
- Preserved guest carts and wishlists through OTP sign-in.
- Unified Razorpay and PayPal checkout with automated Shiprocket updates; added merchant feeds, sitemaps, structured data and GA4 commerce tracking.

EDUCATION

B.Tech, Information Technology | Kalyani Government Engineering College | 2019 – 2022 | CGPA: 8.74

Diploma, Electronics and Telecommunication Engineering | Contai Polytechnic | 2016 – 2019 | CGPA: 8.0

AVAILABILITY

Available to join immediately. Open to remote and hybrid roles in Kolkata, Bengaluru, Hyderabad, Pune and Noida.