

MANISH THAPA

FULL-STACK SOFTWARE ENGINEER | TYPESCRIPT - REACT - NEXT.JS - NODE.JS

Kathmandu, Nepal | +977 9813665817 | hire@manishthapa.com | manishthapa.com

LinkedIn: linkedin.com/in/manishthapa1 | GitHub: github.com/iam-manish | Open to international remote roles

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 4+ years of hands-on experience building, deploying, and maintaining production web applications in startup and business environments. Strong in TypeScript/JavaScript, React, Next.js, Node.js, PostgreSQL, Prisma, Redis, Docker, Linux, REST APIs, CI/CD, and production troubleshooting. Experienced owning features end-to-end - from requirements and system design through database modeling, implementation, deployment, and support - while working independently with technical and non-technical stakeholders. Comfortable using AI-assisted development workflows to accelerate delivery without sacrificing code quality.

CORE SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Frontend: React, Next.js, responsive UI, component architecture, REST integration

Backend & Data: Node.js, REST APIs, PostgreSQL, Prisma ORM, Redis, relational modeling, migrations

DevOps: Docker, Docker Compose, Linux, Git/GitHub, CI/CD, VPS/VM deployment, environment management

Engineering: System design, API design, debugging, production support, logging/monitoring, technical documentation

Additional: AI-assisted development, Web3/blockchain, EV technology, cybersecurity, networking, project management

PROFESSIONAL EXPERIENCE

Software Engineer | BlocOrbit Pvt. Ltd.

2022 - Present | Kathmandu, Nepal

- Build and maintain full-stack applications using TypeScript/JavaScript, React, Next.js, Node.js, PostgreSQL, Prisma, Redis, and Docker.
- Own features from requirement analysis and technical design through database modeling, implementation, deployment, and production support.
- Manage CI/CD workflows, Dockerized services, Linux environments, databases, configuration, and release troubleshooting.
- Diagnose issues across frontend, backend, database, container, and server layers; collaborate directly with stakeholders to turn business needs into practical software.
- Contribute to technology initiatives spanning EV charging, fintech, secure IT systems, blockchain/Web3, and business platforms.

Chief IT Officer / Full-Stack Software Engineer | Ryan Energy Nepal

2024 - Present | Kathmandu, Nepal

- Lead software, IT infrastructure, and digital-transformation initiatives while remaining hands-on in full-stack development and production operations.
- Build business workflows for customers, products, battery inventory, warehouses/stations, serialized asset tracking, sales orders, discounts, payments, and transaction verification.
- Design database models and backend workflows with PostgreSQL/Prisma; support deployments, CI/CD, server configuration, and operational troubleshooting.
- Work with leadership on technology planning, risk identification, vendor coordination, and infrastructure decisions.

Software Development Team Lead | Oorja World

2022 - Present | Nepal / Remote

- Co-lead development of digital products focused on clean energy, sustainability, and technology-enabled business operations.
- Contribute across architecture, frontend/backend development, database administration, deployment, and technical operations.
- Collaborate with designers, developers, and domain stakeholders to ship scalable, user-focused applications.

PROFESSIONAL EXPERIENCE (CONTINUED)

Information Technology Consultant / Web Developer | Nepal Radiologist Association (NRA)

Nov 2023 - Mar 2025 | Part-time, Hybrid | Kathmandu, Nepal

- Delivered and maintained a responsive association web portal and provided practical IT consulting for organizational technology needs.
- Supported website, hosting, access, infrastructure, and day-to-day technical troubleshooting for non-technical stakeholders.

LEADERSHIP & COMMUNITY

Chief Technology Officer | Startup Network Nepal

2023 - Present | Nepal

- Provide technical mentorship to early-stage startups on MVP development, architecture, tech-stack choices, code reviews, and product delivery.
- Support technical workshops and stakeholder collaboration across the startup ecosystem.

SELECTED PROJECTS

- **Course Management System:** AI-enabled web application for course administration and learner experience.
- **P2P Chat App:** Peer-to-peer communication application. GitHub: github.com/iam-manish/p2pchat
- **Datemandu:** Web/mobile dating platform focused on user interaction and matchmaking. GitHub: github.com/iam-manish/DateHack
- **Sentiment Analysis:** NLP/ML project for interpreting sentiment in text. GitHub: github.com/iam-manish/Sentiment_analysis
- **Sound Annotator:** MATLAB-based audio analysis and annotation tool.

EDUCATION

Master of Business Administration (MBA), Project Management

Islington College, Kathmandu - affiliated with London Metropolitan University, UK | Completed

BSc (Hons) Software Engineering

NAMI College, Kathmandu - affiliated with University of Northampton, UK | 2018 - 2021

SELECTED CERTIFICATIONS & RECOGNITION

EC-Council Cybersecurity Attack & Defense Fundamentals | Google UX Design | Cisco Introduction to Cybersecurity | Cisco Packet Tracer | IBM Python for Data Science and AI | DeepLearning.AI Machine Learning
Date Hack Hackathon - 1st Runner-up | Startup Network - Organizer | Everest Hack - Volunteer