

MRINMOY SARKAR

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PROFESSIONAL SUMMARY

Senior Full Stack Engineer (frontend-heavy) with 7+ years of experience building and leading teams delivering high-scale platforms across healthcare AI, enterprise security, and analytics. Proven track record of driving measurable performance improvements and cross-functional coordination at global scale. Deep expertise in React, Next.js, TypeScript, Node.js, and Django.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Redux, Angular, Vue.js, CSS, D3.js

Backend & Data: Python, Django, Node.js, Express.js, MongoDB, SQL

DevOps & Tools: AWS, Docker, Jenkins, Bazel, Jest, Selenium; AI-assisted development with Claude, Codex, and Cursor

EXPERIENCE

Senior Full Stack AI Engineer at Qure.ai

Jul 2025 – Present | Bengaluru, India

- Led a team building a global deployment portal managing 5,000+ online and offline rollouts across 90+ countries, unifying scheduling, activation, and real-time status tracking.
- Reduced deployment coordination overhead by 70% and eliminated 8+ manual handoffs, giving 15+ stakeholder teams live visibility into every deployment's lifecycle.
- Designed and shipped system enhancements for Dockerised on-premises healthcare systems, including status monitoring, auto-deletion, and notification services.
- Stack:** Next.js, React, Django, Python, Jenkins, Jest, Docker

Career Break - Medical Recovery

Nov 2024 – May 2025

- Took time off following a medical emergency; fully recovered and returned to a senior engineering role.

Senior Software Engineer (Frontend) at Netskope

Feb 2024 – Nov 2024 | B2B Security Product

- Engineered frontend optimisations that improved application performance by 39% across enterprise security dashboards (RBAC, SWG, CASB modules).
- Designed and migrated to a scalable micro-frontend architecture using React, TypeScript, and Next.js, improving modularity and cross-team velocity.
- Built real-time security monitoring dashboards serving thousands of global enterprise users.
- Stack:** Next.js, Angular, Node.js, Jest, React, TypeScript

Member of Technical Staff at athenahealth

Oct 2023 – Feb 2024 | Healthcare Product

- Built responsive medical data management and appointment scheduling interfaces used by thousands of healthcare providers.
- Delivered backend optimisations that improved data retrieval speed by 40%, with frontend compliance to HL7/FHIR healthcare data standards.
- Stack:** Next.js, React, Node.js, MongoDB

Full Stack Engineer at SG Analytics

Sep 2021 – Oct 2023

- Led frontend development of the Smart Portal analytics tool for Viacom's social media channels using React and Redux, driving a 76% increase in user adoption.
- Cut portal load times by 61% through query and component optimisation; built interactive D3.js dashboards turning complex analytics into intuitive visuals.
- Managed client communications and requirement gathering for frontend deliverables.

Frontend Software Engineer at Cyphertree

Jun 2019 – Sep 2021

- Built a responsive CRM platform with Gatsby, React, and GraphQL, and an NGO digital platform with Vue.js, improving engagement and operational efficiency.

Frontend Engineering Intern at Techprimelab

Dec 2018 – Jun 2019

- Built a CRM frontend from scratch and a responsive mobile interface for an educational platform serving teachers, parents, and staff.

EDUCATION

B.Tech, Computer Science & Engineering | Shri Guru Gobind Singhji Institute of Engineering & Technology, Nanded (Govt. college), 2019