

Prodip Sarkar

Senior Software Engineer · React Native & Full-Stack

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PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with 13+ years of full-stack development experience specializing in React and React Native ecosystems. Proven track record delivering high-performance mobile and web applications for startups from seed through Series-B funding stages. Successfully led cross-functional teams, consistently achieving 40%+ performance improvements and maintaining 99.9% uptime across production systems. Expert in cloud architecture, CI/CD automation, and agile methodologies.

TECHNICAL SKILLS

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|-----------------------------|-----------------------------------------------------------------------|
| Languages: | JavaScript, TypeScript, Python, Objective-C, SQL |
| Frontend: | React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap |
| Mobile: | React Native, Expo, Expo Native Modules, Swift, iOS SDK, Android |
| Backend: | Node.js, Express.js, REST APIs, GraphQL, Microservices |
| Databases: | MySQL, PostgreSQL, MongoDB, Redis, SQLite |
| Cloud & DevOps: | AWS (EC2, S3, Lambda, RDS), Docker, CI/CD, GitHub Actions, TestFlight |
| AI & Automation: | Claude, ChatGPT, GitHub Copilot, Cursor, n8n, Zapier |
| Methodologies: | Agile/Scrum, TDD, Code Review, Technical Documentation |

PROFESSIONAL EXPERIENCE

HeavyTask LLC — Senior React Native Developer

Remote · Feb 2024 – Present

- Led cross-functional engineering team of 5+ developers to architect and enhance the UTS (Universal Tracking System) platform using React Native, Expo, and AWS infrastructure.
- Improved application performance by 40% and reduced load times by 60% through code optimization and architecture restructuring.
- Engineered automated CI/CD workflows with GitHub Actions and Expo EAS, reducing deployment time by 75% and enabling 50+ seamless production releases.
- Managed App Store and Google Play release cycles maintaining 99.9% uptime with zero critical post-deployment bugs.
- Mentored 3 junior developers; established coding standards, review process, and unit-testing strategy (85% coverage).

Boombox LLC — React Native Developer

Remote · Nov 2020 – Dec 2023

- Architected and developed the initial prototype iOS application from concept to seed-funding presentation, securing investment for a musician collaboration platform.
- Engineered audio/video recording with real-time chat using React Native, WebRTC, and Socket.io.
- Integrated music-asset synchronization with AWS S3, enabling seamless cross-device experience for 10,000+ active users.
- Migrated backend from GraphQL to REST architecture without service interruption (99.99% uptime).
- Implemented unit, integration, and end-to-end test suites, reducing post-deployment bugs by 80%.

Backyard Design Co. — Frontend Web Developer

Remote · Jul 2020 – Dec 2020

- Engineered a custom SVG parsing system for real-time motorcycle-customization preview with React.js.
- Built a design-preview verification flow that reduced order cancellations by 25%.
- Restructured a German e-commerce site with automatic translation for FR/IT/ES/EN markets; achieved 95+ Google PageSpeed scores.

Various Clients — React Developer & Consultant

Remote · Dec 2019 – Dec 2020

- **Better Lead LLC** — Built an analytics dashboard for automotive-insurance customer data (React, D3.js, Node.js); optimized email-marketing automation with A/B-tested campaigns, improving retention by 40%.
- **LTV Commerce** — Architected a full-featured e-commerce platform on AWS serverless; 10 custom checkout templates with a product-recommendation engine (+30% conversion) and cart-recovery/upselling flows (+20% AOV).

Sarkar Raj LLC — Founder & iOS Developer

Sylhet, Bangladesh · Jan 2013 – Dec 2018

- Founded and scaled an independent App Store business over five years, culminating in a portfolio acquisition.
- Led a team of 6 (4 developers, 2 market analysts) across the full SDLC from concept to deployment.
- Published an iOS game holding a top-10 App Store ranking for 9 consecutive weeks; reached 7M+ total downloads.
- Managed the technical stack migration from Objective-C to Swift with backward compatibility.

Informatix Technologies — iOS Developer

Sylhet, Bangladesh · May 2012 – Dec 2012

- Developed an iOS app for a USA-based pizza chain (Objective-C, iOS SDK); implemented Core Data + SQLite for offline functionality and delivered pixel-perfect UI to brand guidelines.

KEY ACHIEVEMENTS

- **Portfolio acquisition** — built and sold an iOS app portfolio after a 5-year entrepreneurial run.
- **Seed funding** — developed the prototype that secured seed funding for a music collaboration platform.
- **Market success** — top-10 App Store ranking for 9 consecutive weeks; 7M+ total downloads.
- **Zero-downtime delivery** — CI/CD workflows sustaining 99.9%+ uptime across production applications.

EDUCATION

B.Sc. in Computer Science and Engineering

Shahjalal University of Science and Technology
Sylhet, Bangladesh · 2007 – 2011

LANGUAGES

English — Professional working proficiency

Bengali — Native