

Shuvo Anirban Roy

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9+ years of experience designing and delivering scalable web and SaaS applications. Expert in JavaScript, TypeScript, React.js, Next.js, Node.js, and AWS. Proven success in AI integration, prompt engineering, and developing AI SaaS products that enhance user experience and automation. Skilled in API development, microservices, DevOps, and Agile delivery. Passionate about building intelligent, high-performance, maintainable products.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, PHP, SQL, HTML5, CSS3

Frontend: React.js, Next.js, Vue.js, Redux, Context API, React Query, Tailwind CSS, SASS, Material-UI

Backend: Node.js, Express.js, FastAPI, PHP, RESTful APIs, GraphQL, WebSocket, Microservices Architecture

Databases: MongoDB, PostgreSQL, MySQL, Redis, Firebase, Supabase, Prisma ORM

Cloud & DevOps: AWS (S3, EC2, Lambda), Docker, Kubernetes, CI/CD, GitHub Actions, Jenkins, Git

Testing & Tools: Jest, Cypress, Postman, Webpack, Vite, JIRA, Figma, Sentry, Shopify, Sanity.io

AI Integration: OpenAI API, LangChain, RAG Systems, Pinecone, Weaviate, TensorFlow, Prompt Engineering

Methodologies: Agile, Scrum, TDD, BDD

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer

BuiltForYou Digital | Remote | Feb 2025 – Oct 2025

- Developed responsive, scalable web applications using React.js, Next.js, TypeScript, and Tailwind CSS serving 25,000+ users.
- Improved performance via SSR, SSG, and ISR, enhancing Core Web Vitals by 55%.
- Designed RESTful APIs and GraphQL endpoints with Node.js and PostgreSQL.
- Built automated CI/CD pipelines (GitHub Actions, Docker, Jest) reducing deployment time by 70%.
- Mentored 3 junior developers on best practices and code quality.

Lead AI Engineer

Presentia AI | Remote | Dec 2024 – Nov 2025

- Engineered AI-driven web apps using OpenAI GPT API, LangChain, and React.js reducing customer support response time by 60%.
- Designed RAG systems with Pinecone, FastAPI, and Node.js improving semantic search accuracy by 85%.
- Optimized backend using Redis caching and database query tuning, reducing API latency from 800ms to 250ms.
- Led full-stack development of an AI SaaS product, implementing AI integration workflows and prompt engineering to enhance application intelligence and end-user interaction.

Full Stack Developer

Operation Nation | Phoenix, AZ | Sep 2022 – Present

- Designed SaaS platforms with React.js, TypeScript, and Sanity.io CMS using 100+ reusable components.
- Improved app speed by 35% with lazy loading, code splitting, and React Query optimization.
- Managed 5-engineer Agile team achieving 98% Lighthouse performance and SEO scores.

Full Stack Developer

Matthew Luke Studio | Hackleton, UK | Jan 2021 – Aug 2022

- Built 12 React/Node.js apps and 5 Shopify e-commerce sites with Storefront API integration.
- Integrated Sanity CMS reducing content update time by 75%.

Frontend Web Developer

123workforce | Dublin, Ireland | Dec 2019 – Dec 2020

- Developed 45+ mobile-responsive pages using HTML5, CSS3, and React.js.
- Built reusable UI components using Styled Components, reducing development time by 35%.

Full Stack Developer

Boi Kotha | Dhaka, Bangladesh | Jun 2018 – Oct 2019

- Developed book publishing platform using React, Node.js, and MongoDB serving 3,500+ users.
- Created secure RESTful APIs with JWT authentication and role-based access control.

Full Stack Developer

Code Builder IT | Dhaka, Bangladesh | Sep 2016 – May 2018

- Built 10+ PHP/MySQL-based applications and custom CMS platforms.
- Developed e-commerce systems with secure payment gateways (bKash, SSLCommerz).

PROJECTS

Sanity Plugin Schema Markup (Open Source)

Operation Nation | May 2023 – Sep 2024

- Built Sanity Studio plugin using React.js for automated Schema Markup generation; 500+ npm downloads.
- Implemented JSON-LD structured data for SEO across Article, Product, and Organization schemas.

Event Management Platform

Freelance | Jun 2023 – Nov 2023

- Developed event management system using React.js, Node.js, and PostgreSQL for 1,200-attendee tech conference.
- Implemented real-time check-in, email notifications (SendGrid), and admin analytics dashboard.

EDUCATION

Bachelor of Science in Computer Science and Engineering

National University of Bangladesh | Dhaka | Graduated 2014