

Sankha Subhra Das

Full Stack Web Developer

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SUMMARY

An enthusiastic and dedicated fresher proficient in full-stack web development (HTML, CSS, JavaScript, React, MySQL, Node.js). Committed to building efficient, scalable, and user-friendly applications with robust authentication and seamless database integration.

TECHNICAL SKILLS

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| Languages | — |
| HTML, CSS, JavaScript, SQL, Java, TypeScript, SCSS | |
| Frameworks | — |
| React, Node.js, Bootstrap, React Native, ExpressJS, REST APIs | |
| Databases | — |
| MySQL, MongoDB, Firebase | |
| DevOps & Tools | — |
| Git, GitHub, Postman, Docker, CI/CD pipelines | |
| Security | — |
| Web App Architecture, OAuth, OpenID Connect | |
| OS | — |
| Linux, Windows | |

EXPERIENCE

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| Front-End Developer Intern, Alien Brains | March 2025 – April 2025 |
| <ul style="list-style-type: none">Developed a hotel bar website (India's Bar Show) using ReactJS, with animations powered by Framer Motion.Implemented form validation, responsive design, and integrated REST APIs for dynamic content.Created compelling animations using Three.js. | |

PROJECTS

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| MedicoX – Full-Stack Healthcare Appointment Platform | 2024 |
| <ul style="list-style-type: none">Overview: Developed a full-stack platform connecting patients and doctors, featuring secure authentication (JWT, OAuth), role-based dashboards, real-time appointment booking with availability checks, integrated payment gateway (cards, UPI), medical record management, and notifications.Tech Stack: React, React Native (Expo), Express.js, Node.js, MongoDB, Firebase, TypeScript, TailwindCSS, Framer Motion, Docker.Key Features: Patient registration and login, doctor profile management (experience, fees, slots), appointment scheduling and management, payment processing with receipts, EHR uploads and secure access, email/SMS reminders, responsive animated UI, containerized deployment, and modular architecture for scalability. | |
| Future Scope: | |
| <ul style="list-style-type: none">* AI-powered symptom checker and smart doctor recommendations using ML/LLMs.* Video consultations via WebRTC and live chat integration.* E-prescription generation with drug database and pharmacy integration.* Insurance claims integration, subscription models, and refund management.* Calendar sync (Google/iCal), waiting list management, and automated reminders.* Analytics dashboards for patients and doctors (appointment trends, revenue insights).* Mobile app support (React Native), multi-language UI, HIPAA/GDPR compliance, enhanced security (2FA, audit logs).* CI/CD pipelines for automated testing and deployment, Docker-based containerization. | |

EDUCATION

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| B.Tech in Computer Science, UEM Kolkata | 2021 – 2025 |
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