

Sankha Subhra Das

Full Stack Web Developer

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Portfolio

LinkedIn

GitHub

Summary

An enthusiastic and dedicated fresher with proficiency in Full Stack Web Development, including HTML, CSS, JavaScript, React, and MySQL. Committed to building efficient, scalable, and user-friendly applications with a focus on robust user authentication and seamless database integration.

Skills

Languages:

HTML, CSS, JavaScript, SQL, Java, TypeScript, SCSS, Tailwind CSS

Git, GitHub

Tools:

CI/CD Tools

Frameworks:

React, Node.js, Bootstrap, React Native

Operating Systems:

Linux, Windows

Databases:

MySQL, Firebase, MongoDB (NoSQL)

Preferred Language:

Java

Version Control:

Experience

Software Developer Intern, ProcessIT Global

Aug 2024 – Present

- Developed a Task Management App using Flask with full CRUD operations and search functionality.
- Implemented form validation, responsive design (HTML, CSS, JavaScript), and integrated PostgreSQL for robust data storage.
- Ensured secure user sessions through stringent access controls.
- Upcoming:** Integration of OpenID Connect, OAuth 2.0, and SAML for enhanced security.

Projects

Medico – Full-Stack Healthcare Management System

Technologies: HTML, CSS, JavaScript, TypeScript, JSX, TSX, JQuery, React Native (Expo CLI), ReactJS (Vite), ExpressJS, MongoDB, Firebase

- User Authentication:** Implemented secure login with role-based access using Firebase Authentication.
- Appointments:** Enabled patients to schedule, modify, and cancel appointments; allowed doctors to efficiently manage schedules.
- Real-Time Notifications:** Integrated SMS/email reminders using Firebase services.
- Electronic Health Records:** Developed functionalities for secure upload and management of medical records.
- Cross-Platform Access:** Created both web (ReactJS Vite) and mobile (React Native Expo) applications for seamless access.
- Database Management:** Built an ExpressJS backend interfacing with MongoDB for reliable record storage.
- Security & Performance:** Utilized JWT for authentication, optimized database queries, and maintained code quality with TypeScript.

Future Scope:

- AI-powered symptom checker for preliminary diagnosis.
- Integration of video consultations via WebRTC.
- Automated prescription generation utilizing a comprehensive drug database.

Education

B.Tech in Computer Science

UEM, Kolkata

2021 – 2025

CGPA: 7.7/10.0

2019 – 2021

Percentage: 79.1%

ICSE

St Paul’s Academy, Burdwan

2018 – 2019

Percentage: 78.2%

ISC

St Paul’s Academy, Burdwan