Nikhat Parvin

Software Developer

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EXPERIENCE

Software Developer   **Mar 2024 - May 2025**
INA Internet Group, Kolkata

- Designed a full-featured **restaurant app** using **React** and **Tailwind CSS** with separate **user/admin panels**, reducing wait times via **time-slot booking**.
- Developed a real-time **booking system** using **calendar** and **time-picker components** with **admin-controlled availability**.
- Improved menu browsing performance by integrating **debounced search**, **API-optimized lazy loading**, and **paginated rendering**.
- Streamlined **client-server communication** via **Axios**, supporting **search**, **bookings**, **order updates**, and **user inquiries** through a **contact form**.

Software Developer   **Apr 2023 - Jan 2024**
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- Developed a real-time **BMS dashboard** in **React.js** to monitor **EV battery data** across **16 cells** using integrated **REST APIs**.
- Created **modular components** to visualize **live**, **historical**, and **CSV-uploaded data** using **SheetJS**.
- Implemented **React Table** with **pagination** and **search bar**, efficiently handling **high-frequency data**.
- Optimized **Chart.js** performance for large datasets through **frontend downsampling**, ensuring **smooth, responsive visualization**.

TECHNICAL SKILLS

Frontend:	React.js, HTML5, CSS3, JavaScript ES6+, Tailwind CSS
Backend:	Node.js, REST APIs, Express.js
Databases:	MongoDB
Tools:	Git, VS Code, Postman

PROJECTS

Artify (AI Image Tool)   🌐 ⬛
React.js, OpenAI API, Node.js

- Built a **responsive web app** using **React.js** with features like **background removal** and **text-to-image generation** via third-party **AI APIs**.
- Implemented **secure user authentication** and integrated a **payment gateway** for access to **premium tools**.
- Designed **responsive UI** with **modular CSS** and optimized user interactions using **React Hooks**.

Portfolio Website   🌐 ⬛
React.js, Tailwind CSS, Three.js, EmailJS, Framer Motion

- Developed a **responsive portfolio** to showcase **projects and skills**.
- Integrated a **contact form** using **EmailJS** to send messages without a backend.
- Organized layout with **modular components** and **smooth animations**.

EDUCATION

B.Tech in Computer Science & Engineering   **Jul 2016 - May 2020**
Hooghly Engineering & Technology College, Kolkata   **CGPA: 7.45**

ACHIEVEMENTS

- **3rd Place** - Spark-Hack Competition (2018)
- **Top 10** - National Health Hack Innovation Challenge (2018)