SHREYAS PATHAK

✉ shreyaspathak.ofc@gmail.com | 📞 +91-8653314210 | 🌐 Portfolio | 😺 GitHub | 🔒 Leetcode | ❌ Twitter | 🔗 LinkedIn

TECHNICAL SKILLS

Python | JavaScript | TypeScript | MongoDB | ExpressJS | React | React Native | Redux | NodeJS | NextJS | SQLite | Git | Postman | HTML | CSS

WORK EXPERIENCE

Software Development Engineer Intern   *Jun'24 - Aug'24*

Algo Energy Tech Ventures Pvt. Ltd.
- Developed a cross-platform forms module for mobile application with dynamic form capabilities for both Android and iOS based on API-provided templates, including validation and efficient user input storage.
- Achieved local data storage for forms, enabling offline data storage, synchronization, and seamless submission to the server when online.
- Upgraded the app from SDK 49 to SDK 51, updating dependencies and resolving crashes to ensure compatibility with the latest Android version (API Level 34).
- Tech Stack: **TypeScript, React Native, Redux Toolkit, SQLite, Expo CLI, Expo Go App**

Software Engineer Intern   *Jan'24 - Mar'24*

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- Developed and optimized APIs by following best practices, enhancing the application's performance, security, and reliability, leading to a smoother user experience. Improved error handling mechanisms in controller routes, optimizing HTTP status code management and error messaging, which increased application reliability.
- Collaborated closely with the development team, contributing insights during team meetings and code reviews, driving improvements in project quality.
- Integrated APIs into the frontend, ensuring seamless functionality and a smooth user experience, which enhanced overall application usability.
- TechStack: **TypeScript, NodeJS, ExpressJS, MongoDB, NextJS, TailwindCSS, Postman, Git**

PROJECTS

Portfolio Website   😺 *GitHub Link* | 🌐 *Demo Link*   *Dec'23*

A simple yet elegant website to showcase my technical skills and contacts.
- Designed and developed a sophisticated website to showcase my technical skills, integrating an API with SMTP (NodeMailer) to facilitate seamless email communication with clients.
- TechStack: **ReactJS, CSS, NodeJS, ExpressJS**

ShareQuotes   😺 *GitHub Link* | 🌐 *Demo Link*   *Aug'23*

A social CRUD application enabling users to seamlessly share their quotes or thoughts with community.
- Developed a CRUD API for efficient quotes management, implemented user authentication for account access, enabling users to effortlessly create, update, and delete their quotes through a simple and user-friendly design.
- TechStack: **NextJS, Tailwind CSS, NodeJS, ExpressJS, MongoDB, Google-OAuth.**

BitBazaar   😺 *GitHub Link* | 🌐 *Demo Link*   *Jul'23*

BitBazaar is a user-friendly website providing users cryptocurrency knowledge.
- Used "Coin Gecko" API to collect real-time data on cryptocurrency prices and market metrics.
- Applied data transformation techniques, like currency conversions. Developed dynamic charts and graphs for intuitive visualization of cryptocurrency trends.
- TechStack: **ReactJS, Chakra-UI, NodeJS, ExpressJS, MongoDB**

EDUCATION

Jadavpur University, Kolkata, India   *2021 - 2025*
   Bachelors' of Engineering | Chemical Engineering | GPA: 7.77

Amrita Vidyalayam, Durgapur, India   *2018 – 2020*
   AISSCE CBSE (Class XII) | Science | Score: 91.34%

Amrita Vidyalayam, Durgapur, India   *2005 – 2018*
   AISSE CBSE (Class X) | Score: 88%

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- Qualified JEE Mains (2021) with 96.67 %ile.
- Qualified JEE Advanced (2021) with AIR 23817
- Qualified WBJEE (2021) with AIR 1353
- Completed 76th Basic Rock-climbing Course (2023)
- Won Gold medal in Kabaddi (2019)
- Won medals in SOF and SILVERZONE Olympiads