**SHREYAS PATHAK**

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# 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***](https://drive.google.com/file/d/13lWeKkyH-OOno-cHyhIWn4fdFdT1rblh/view?usp=sharing)

[***Algo Energy Tech Ventures Pvt. Ltd.***](https://www.xempla.io/)

* 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](https://drive.google.com/file/d/1Z3XLjubFHJFEFSRMc2s2hAm6jqPmn5LW/view?usp=sharing) *[Jan’24 - Mar’24](https://drive.google.com/file/d/1Z3XLjubFHJFEFSRMc2s2hAm6jqPmn5LW/view?usp=sharing)***

***[TrialShopy](https://drive.google.com/file/d/1Z3XLjubFHJFEFSRMc2s2hAm6jqPmn5LW/view?usp=sharing)***

* 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** [🐱](https://github.com/shreyaspathak11)[*GitHub Link*](https://github.com/shreyaspathak11/PortFolio-and-ContactForm) *|* [🌐*Demo*](https://shreyas-pathak-portfolio.vercel.app/) *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**  [🐱](https://github.com/shreyaspathak11)[*GitHub Link*](https://github.com/shreyaspathak11/Share-Quotes) *|* [🌐](https://shreyas-pathak-portfolio.vercel.app/)[*Demo*](https://share-quotes-kail.vercel.app/) *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** [🐱](https://github.com/shreyaspathak11)[*GitHub Link*](https://github.com/shreyaspathak11/BitBazaar-Code) *|* [🌐](https://shreyas-pathak-portfolio.vercel.app/)[*Demo*](https://bit-bazaar-shreyas.vercel.app/) *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 EX TRACURRICULAR 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