

NASIM RANA FEROUZ

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SKILLS

Frontend: React.js, Next.js, Vue.js, JavaScript, TypeScript, React Native, Tailwind CSS, Redux, Vite

Backend: Node.js, Express, Django, Flask, RESTful APIs, GraphQL, JWT, MongoDB

DevOps & Tools: AWS, Git, Postman, Jest, Figma, Netlify, Heroku, Vercel, Render

WORK EXPERIENCE

Frontend Developer

Apr 2025 - Current

[SXSX Works](#)

- Developed and enhanced a **React.js** & **Umi.js** application using **LESS**, resulting in a more visually engaging and user-friendly interface.
- Implemented interactive UI elements and smooth **animations** using **wow.js**, improving user experience and front-end aesthetics.
- Optimized **code structure** and **workflow efficiency**, leading to a more maintainable and scalable frontend architecture.

Data Science & Big Data Intern

Feb 2025 - Mar 2025

[Chengdu SunCaper Data Co. Ltd](#)

- Conducted large-scale data analysis on **Yelp's open dataset** (6.6M+ reviews, 192K+ businesses) using Python (Pandas, NumPy) and SQL.
- Developed an interactive **analytics dashboard** with React, D3.js, and Framer Motion, enhancing user engagement by 35%.
- Engineered an **AI-powered recommendation system** using DeepSeek API, improving click-through rates by 28% through optimized prompt engineering.

Software Developer Intern

Dec 2024 - Feb 2025

[Papalazius Mercantile Inc: Papalazius Books](#)

- Automated product listings by integrating **Keepa API** for real-time book data, eliminating manual entry and reducing listing time by 70%.
- Optimized performance by redesigning **Amazon SP API** workflows, boosting processing speed by 67% and ensuring compliance through migration to **Inbound API v2024-03-20**, resolving 10+ deprecated endpoints.
- Developed a **full-stack shipping management portal** using **React**, **Tailwind**, and **Axios**, streamlining inventory and shipment tracking to enhance operational efficiency.

PROJECTS

[Fork & Friends](#) | Data Analytics & AI Recommendation Platform

- Analyzed Yelp's dataset, built an interactive analytics dashboard with React, D3.js, and Framer Motion, and engineered an AI-powered recommendation system with DeepSeek API
- Tech Stack:** Python, React, D3.js, Node.js, DeepSeek API, Prompt Engineering

[StrabismusCare](#) | AI-Powered Strabismus Screening & Management

- Developed an **AI-powered mobile app** for automated strabismus screening using Vision Transformers, achieving 98% accuracy and <3s processing, with a **React Native** frontend and **Node.js + Flask** backend integrated with MongoDB, AWS, and secure EHR access.
- Tech Stack:** React Native, Node.js, Flask, PyTorch, MongoDB, AWS, Firebase, Socket.IO

EDUCATION

Bachelor of Engineering – Software Engineering

Aug 2022 - Present

Sichuan University • Expected Graduation: 2026 • **CGPA: 3.5/4.0**

ADDITIONAL INFORMATION

- Technical Skills:** Agile Development, JIRA Management, Scrum Project Management
- Languages:** English, Bangla, Hindi, Urdu, Chinese (Beginner)