NASIM RANA FEROZ

Chengdu, Sichuan • +86 132-2814-2082 • <u>Github</u>

<u>Linkedin</u> • <u>E-mail</u> • Wechat: NasimRanaFeroz • <u>Portfolio</u>

SKILLS

Frontend: React.js, Next.js, Vue.js, 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

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** to fetch real-time book data, eliminating 100% manual entry and reducing listing time by 70%.
- Optimized system performance by redesigning API workflows with **Amazon SP API**, improving processing speed by 67%.
- Built a full-stack **shipping management portal** using React, Tailwind, and Axios, streamlining inventory and shipment tracking.
- Led the migration of the **Inbound API** (v0) to v2024-03-20, resolving 10+ deprecated endpoints and ensuring compliance with Amazon's latest standards.

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-driven mobile app** for automated strabismus screening, achieving 98% accuracy using Vision Transformer models. Built a **React Native** interface with a seamless Node.js and Flask backend, integrating MongoDB, AWS, and secure EHR connectivity for real-time patient management. Enhanced diagnostic efficiency with <3s processing time, improving accessibility for remote eye care
- **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)