

Mingyi Pan

Frontend / Full Stack Engineer

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Proactive Mid-level Frontend / Full Stack Engineer with 3+ years of experience in developing web and mobile React applications. Possessing a strong sense of ownership over complex technical projects while delivering high-quality results. Skilled in collaborating with cross-functional teams to troubleshoot and resolve software issues, as well as to design and implement new features. Seeking opportunities to expand technical expertise and leadership skills.

Professional Experience

Founding Software Engineer December 2023 - March 2024

Reveland
Python, TypeScript, Django, React Native, MongoDB

- Collaborated with the founders to understand business needs, define core app features and create a technical roadmap.
- Collaborated with the designer to create wireframe designs and an interactive prototype in Figma.
- Developed the initial phase mobile application with React Native, Django and MongoDB.

Frontend Engineer February 2022 - October 2023

Freedom Robotics
React, Next.js, TypeScript

- Developed and maintained a Next.js web application for real-time monitoring, automation and management across fleets of devices.
- Collaborated with the project manager and the backend team to design and develop features from start to finish: dashboard, fleet map, automation, smart alert, custom theme, etc.
- Improved code performance and readability by creating and abstracting reusable components, hooks, contexts and layouts.
- Participated in code reviews to provide feedback and ensure adherence to best practices.

Web Developer September 2020 - April 2022

Freelance
JavaScript, HTML, CSS, React, Redux, Node.js, MongoDB

- Designed and developed web applications for small local businesses.
- Designed business cards, flyers and gift vouchers with Adobe Illustrator and Adobe Photoshop.

System Engineer (Non-software) November 2016 - February 2022

Consolidated Edison

- Worked with designers and engineers across various departments to design, test and improve steam pipe health monitoring systems.
- Reviewed and optimized PLC programs and SCADA system for steam pipelines underneath the streets of Manhattan.

Education

Bachelor of Science in Mechanical Engineering (Math Minor) September 2012 - May 2016
University of Rochester at Rochester, NY
Tau Beta Pi Engineering Honor Society

Key Skills

- TypeScript & JavaScript
- Python & Java
- SQL & MongoDB
- React Native & React & Next.js
- Node.js & Express
- Django