

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

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**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

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

Key Skills

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