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# JACKY FENG

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## TECHNICAL SKILLS

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**Language:** Javascript (ES6+), Typescript, Python

**Front-end:** HTML5, CSS3, Tailwind, Sass, React (Hooks, Redux), Vue, WebSocket

**Back-end:** Node.js, Express.js, FastAPI, Flask, MongoDB, PostgreSQL

**Tools & DevOps:** AWS, GitHub, Docker, Linux/Bash, Figma

**Soft Skills:** Teamwork, Problem solving, Troubleshooting, Leadership, Debugging

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## WORK EXPERIENCES

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**Cognizant** | *React, Typescript, Babylon.js, Redux, Express.js, WebSocket*

07/2022 - 05/2023

*Front-end Developer*

- Implemented an 3D visualization management system using **React**, **Babylon.js**, and **Typescript**, optimizing rendering performance by **25%** and ensuring real-time updates for over **100** equipment nodes.
- Developed real-time equipment visualization features, collaborating with backend teams on **WebSocket** implementation and **JWT** authentication.
- Utilized **Redux** Toolkit for managing global application state and integrated it with Ant Design UI to build responsive and scalable user interfaces for real-time 3D visualization.

**Cognizant** | *Vue, Typescript, Pinia, Axios, WebSocket, ECharts, Django*

03/2022 - 07/2022

*Front-end Development Intern*

- Implemented dynamic, responsive user interface components for a mobile e-commerce app using **Vue**, **Element UI** and **Typescript**.
  - Developed interactive data visualization features using **ECharts** for trend analysis and real-time delivery vehicle tracking using Google Maps API, enabling dynamic location updates with **WebSocket**.
  - Implemented centralized state management with **Pinia** and developed a custom **Axios** wrapper to standardize API requests, improving data fetching efficiency and maintainability.
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## PERSONAL PROJECT

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**Recruitment Management System** | *React, Flask, PostgreSQL, Redis, AWS, Docker*

- Developed a recruitment system with resume parsing, interview scheduling, candidate matching.
- Integrated Google Calendar API and **Redis** for real-time scheduling and caching, designed an async matching algorithm and deploying the system with **Docker** on **AWS Elastic Beanstalk**.

**Medium clone** | *React, Tailwind, Context API, Express.js, Node.js, MongoDB*

- Developed a full-stack blogging platform inspired by Medium using the **MERN** stack, featuring dark mode, responsive design, and comprehensive CRUD operations.
  - Implemented secure user authentication with **JWT** and **HTTP-only** cookies for session management, using **Context API** for efficient global state management across authentication and user sessions.
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## EDUCATION

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**Master of Science:** Cybersecurity, 09/2023 - 12/2024

**New York Institute of Technology** - Vancouver, BC

- **Coursework:** Web Development Security, Network Security, Cryptography, Data Center Security, Intrusion Detection, Security Risk Management