Kenneth Zhang

Full-Stack Web Developer

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Profile Summary

Innovative and dedicated Full-Stack Web Developer with over **3** years of experience building responsive, scalable web applications. Skilled in modern front-end and back-end technologies, including Figma, Framer, React, Next.js, Node.js, and PostgreSQL. Proven ability to lead teams, mentor junior developers, and collaborate in diverse, multilingual environments. Consistently seeking opportunities to innovate, as evidenced by hackathon success and contributions to impactful projects.

Skills

Programming: JavaScript, TypeScript, Python, HTML, CSS
Frameworks/Libraries: React, Next.js, Node.js, Prisma, Redux, Zustand, Tailwinds, SCSS
Design Tools: Figma, Framer
Testing Tools: Mocha, Chai, Cypress, Jest
Others: Git, PgSQL, Three.js, RabbitMQ, Blender, Azure
Languages: English, Mandarin, Cantonese

Work Experience

Full-Stack Web Developer & UI/UX Designer
FLIR Integrated Image Solution | Richmond, B.C | Jul 2021 - Present - 3.5 yrs

- **Designed and developed the UI for production applications** using Next.js, Tailwind and Azure services, optimizing application performances by **30%** and user engagement by **75%**

- **Contributed to database design and micro services development**, reducing API response times and ensuring **98%** uptime through effective DevOps pipeline management on Azure

- **Continuously optimized UX,** reducing user journeys to project goals, implementing new features based on feedback, and enhancing customer satisfaction by **80%.**

- **Created test cases for third-party manual testing teams** to ensure high-quality application performance.

Production Team Lead

FLIR Integrated Image Solution | Richmond, B.C | Dec 2013 - Jun 2021 - 8 yrs

- **Eliminated production bottlenecks** by implementing an innovative soldering program, resulting in an **80% boost in productivity**.
- **Trained and mentored over 40 new employees**, ensuring seamless onboarding and enhancing team efficiency.
- **Mastered the manufacturing of 200+ camera types within 2 years**, showcasing adaptability and technical expertise, which led to a **promotion to Lead Hand in the 3rd year**.
- **Established and managed a high-performing night shift team of 20 employees**, achieving an **80% increase in overall productivity** through strategic leadership and process optimization.

Awards & Recognitions

- **Awarded "Exceptional Employee"** for achieving the **highest performance level for 7 consecutive years**.
- **Recipient of the GM Award** for outstanding performance in **Q3 2024**, recognizing contributions to productivity and team leadership.
- **Won "Most Innovative Award"** for exceptional solutions in **internal hackathons**, showcasing creativity and problem-solving skills

Education

Full-Stack Web Development Diploma, Lighthouse Labs (2019).
Bachelor's Degree in Economics, Simon Fraser University (2013).

Projects

[SightBase](#)**:** Built a 3D simulation tool for camera setup (Next.js, PostgreSQL).

[Camera preview playground](#)**:** prototype of camera preview in 3d space (3.js, HTML)

[Portfolio](#)**:** Personal website showcasing my projects and relevant information (React, Firebase)

[Covid-19 Tracker](#)**:** Tracks daily updates on Covid-19 cases.

Manalyze: Small business management tool (React.js, Ruby on Rails).

Interview Scheduler: Robust scheduling app with end-to-end testing.