

# Eason Chang

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## PROFESSIONAL SUMMARY

Results-oriented Software Engineer with 5 years of experience across startup and corporate environments. Specializes in full-stack development, notably deploying scalable web applications for fintech and cybersecurity sectors. Proficient in JavaScript and Python, with deep expertise in web application development using React and Node.js. Highly skilled in cloud technologies (Amazon Web Services) and API development.

## WORK EXPERIENCE

### Sr. Engineer, [Trend Micro Inc.](#)

Mar 2021 – Jan 2024

- Revamped a legacy news website, elevating performance score from 20 to 95 and doubling search engine impressions by 200%. Utilized Next.js and headless WordPress to improve user and developer experiences significantly.
- Led the development of a critical cryptography module for cross-platform applications (web, browser extension, and mobile app) in TypeScript, cutting development effort by 70%.
- Established a multi-stage CI/CD pipeline for full-stack website deployment, incorporating security scanning and performance monitoring with AWS and GitHub Actions, reducing deployment time to 5 minutes.
- Drove the standardization of UI modules into Web Components, reducing maintenance effort by 60% and facilitating adoption across 5+ development teams.

### Engineer, [GDP Inc.](#)

Oct 2018 – Oct 2020

- Launched 3 FinTech products using React.js and GraphQL, including a cryptocurrency OTC trading platform and a P2P lending & funding platform, achieving product-market fit.
- Optimized system performance by 150% and enhanced user experience by refining API calls and automating validation processes.
- Developed responsive, mobile-first, SEO-friendly localization applications with Material-UI and react-i18next, maximizing accessibility and market reach.

## SKILLS

**Programming Languages:** JavaScript, TypeScript, Python, C/C++, PHP

**Frameworks & Libraries:** React.js, Next.js, Tailwind CSS, GraphQL, Node.js, jQuery, WordPress

**Technologies:** Amazon Web Services, Performance Optimization, SEO, Google Analytics/Google Tag Manager, Storybook, Micro Frontend, Monorepo, Testing (Jest, Cypress)

## EDUCATION

Bachelor of Science, Computer Science, [National Chiao Tung University](#)

2015 – 2020

## PROJECTS

### Password Manager ([idprotect.trendmicro.com/vault](https://idprotect.trendmicro.com/vault))

2023

- Designed core data encryption protocol and authentication flow, achieving zero-knowledge encryption standards.
- Transitioned Next.js frontend and Golang backend to Nx monorepo, enhancing development iteration speed by 60%.

### Product Hunt Today ([twitter.com/ProductHunToday](https://twitter.com/ProductHunToday))

2022

- Developed an automatic Twitter bot summarizing trending Product Hunt products in daily videos, integrating Product Hunt GraphQL API and Twitter API with video rendering using React.js Remotion.

## AWARDS AND ACHIEVEMENTS

- HackNTU - Super Hacker Award

2017