

## Peifeng Wang

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### SUMMARY

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Senior Full-Stack / Lead Engineer with 12 years of experience building production systems across SaaS, commerce, logistics, robotics, and B2B platforms using Python, JavaScript / TypeScript, Ruby, and Elixir. Delivered 0-to-1 products, scaled APIs to millions of daily requests, modernized CI/CD across multi-project environments, and led engineering teams of up to 10.

### HIGHLIGHTED ACHIEVEMENTS

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- **Internal SaaS & Real-Time Workflows** — Core developer for **EasyTime**, an internal workforce SaaS in pilot; built time tracking, leave management, admin workflows, reporting, onboarding, and real-time kiosk/status updates with Phoenix LiveView, PubSub, and WebSockets.
- **0-to-1 Commerce Platform** — Architected and launched **Creative Commerce**, a Rails / Next.js / Stripe platform for creator marketplace transactions, supporting **1,000+ orders** with values ranging from **¥10K to ¥200K**.
- **Warehouse Automation Patent** — Built **WDA**, a parametric warehouse design automation system that generates CAD/2D/3D layouts from web inputs, reducing manual design work and resulting in an international patent. (**WO2021184193A1**)
- **Scaled Platform & Team** — Grew from **sole developer to Web Team Lead of 10 engineers at Geetest**, scaling the core B2B platform from **<10K to 200K** users.

### WORK EXPERIENCE

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#### Full-Stack Engineer · Lunaris

Tokyo, Japan · Aug 2025 – Present

*Shopify-focused e-commerce company. Core developer for EasyTime, an internal timecard and workforce management SaaS in pilot, and independent developer of Kanji Battler, a gamified Japanese learning app for kana-reading practice.*

- Core developer for **EasyTime**, an internal workforce SaaS, delivering production features across time tracking, leave management, admin workflows, reporting, and onboarding.
- Built **real-time kiosk** and employee status workflows with Phoenix LiveView, PubSub, and WebSockets, enabling instant location-wide activity updates without polling.
- Independently developed **Kanji Battler**, a Next.js / NestJS / TypeScript Japanese learning game combining kana practice, wrong-answer review, progression logic, and sprite-based battle animations.

#### Lead Full-Stack Engineer · Foriio

Tokyo, Japan · Aug 2024 – Jul 2025

*Japanese startup building portfolio and commerce products for creators.*

- Took ownership of **architecture, delivery priorities, and team operations** as **Lead Engineer, rebuilding the engineering team** and processes from the ground up.
- Led the architecture and launch of **Creative Commerce**, a Rails / Next.js / TypeScript / Stripe commerce platform for a creator marketplace, supporting 1,000+ transactions with order values from ¥10K to ¥200K.
- Maintained and refactored production Ruby on Rails APIs powering **foriio.com**, supporting 2–3 million daily requests and resolving recurring performance bottlenecks across high-traffic endpoints.
- Modernized CI/CD pipelines across **10+ projects** and **40+ servers** using modular **GitHub Actions** architecture.
- **Led a team of 4 engineers** — interviews, onboarding, task allocation, and priority definition.

#### Software Engineer · Gennmu Technology

Tokyo, Japan · Jan 2023 – Jul 2024

*Tokyo-based staffing and technology firm serving major Japanese enterprises.*

- Built internal web systems with Flask and Django; delivered Salesforce Marketing Cloud solutions for enterprise clients (AU, UNITED ARROWS).

**Full-Stack Engineer / Technical Director** · Shucheng AI      Shanghai, China · Jul 2019 – Feb 2022

*Supply chain digitization company incubated by SF Express, China's largest logistics enterprise.*

- **Re-architected** the company's primary **Python-based** platform from the ground up — redesigning core systems and technical foundations.
- Led the architecture and delivery of **WDA**, a patent-backed warehouse design automation tool that generates CAD, 2D, and 3D layout models from parametric web inputs, reducing manual design work for logistics clients. (WO2021184193A1)
- Led full-cycle recruitment and managed a **team of 5 engineers**.

**Senior Full-Stack Engineer** · BITO Robotics      Shanghai, China · Jul 2018 – May 2019

*Robotics company specializing in AGV systems; core team from Carnegie Mellon University.*

- **Rebuilt AGV central control system** (Flask / Redis / Vue.js) with a custom **WebSocket** bridge to **ROS** for **real-time bidirectional communication** with an **autonomous forklift fleet**.
- Developed a road network design tool using D3.js — constructs warehouse maps from QR code scans, allowing operators to define nodes, roads, and AGV routes via web interface.
- Led a development **team of 3 engineers** across both systems.

**Full-Stack Engineer → Web Team Lead** · Geetest      Wuhan, China · Jun 2014 – May 2018

*Cybersecurity startup (CAPTCHA/bot-detection). Joined as the 13th employee; company scaled to ~200 employees.*

- Joined as **sole web developer** and became **Web Team Lead within one year** — ultimately led a team of 10 engineers.
- Architected the **core B2B customer platform** (user management + API key portal) scaled from under **10K to 200K** registered users; rebuilt multiple times (**Django** → **Flask + Vue.js**) to keep pace with growth.
- Delivered **10+ production web systems** across **full product lifecycle** including homepage rebuilds, **BI dashboards**, and **ML team tooling**.

## TECHNICAL SKILLS

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<b>Languages:</b>	Python, JavaScript / TypeScript, Go, Elixir, Ruby
<b>Frameworks:</b>	Django, FastAPI, React, Next.js, Phoenix (LiveView), Rails
<b>Databases:</b>	PostgreSQL, MySQL, MongoDB, Redis
<b>Cloud &amp; Infra:</b>	Docker, AWS, GCP, Linux, GitHub Actions, Ansible
<b>Product Domains:</b>	SaaS, E-commerce, B2B Platforms, Logistics, Robotics, Internal Tools

## EDUCATION & OTHER

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**Wuchang University of Technology** · Environmental Engineering · Sep 2007 – Jul 2011

**Languages:** Mandarin (Native) · English (Business) · Japanese (Basic)

**Patent:** WO2021184193A1 (Computer-Aided Warehouse Space Planning)