Juang, Yi-Lin

 yilinjuang.com · ✉ hi@yilinjuang.com · GitHub · in LinkedIn · ♥ Remote / US (Requires Visa Sponsorship)

Engineering leader and full-stack developer with 7+ years of experience scaling distributed teams and mission-critical systems. Built and led teams of 4-6 engineers, scaled payment infrastructure to $5M+/month, and drove multi-million-dollar in operational efficiencies. Seeking senior IC or managerial roles in remote-first or US-based companies.

Professional Experience

2023 ~ Present	**Engineering Manager, Doorstead**, *Remote* **Team Growth**: Built a 4-person senior engineering team in Taiwan, managing recruitment and onboarding. **24/7 Coverage**: Introduced follow-the-sun on-call for global engineering, reducing after-hours escalations. **Site Leadership**: Organized meetups, set local HR/remote policies, and nurtured a highly engaged Taiwan team. **Scaled Payment Infrastructure**: Built a ledger handling $5M+ monthly across 2K+ properties for owners, tenants and vendors, cutting errors by 95% and offloading engineering time via automated reconciliation and payouts.
2021.11 ~ 2022	**Senior Software Engineer, Doorstead**, *Remote* **Team Leadership**: Led a cross-functional team across 4 time zones, shaping technical and product decisions. **Operational Efficiency**: Achieved $1M+ annual staffing savings via automated tenant/owner notification. **Leasing Workflow**: Automated lease generation & signing, cutting processing by 86% and leasing by 5 days. **Tenant Screening**: Integrated multi-source checks + rule engine, 10x faster screening, supporting 3x growth. **Auth Modernization**: Migrated the legacy auth system to Auth0, cutting incidents to near zero. Tech: python, react, next.js, graphql, postgresql, retool, github actions, aws
2021.06 ~ 2021.08	**Technical Manager, SoundOn**, *Taiwan* Led a team of 6 engineers, delivering podcast integrations for platforms with 1M+ MAU. Reduced GCP costs by 40% by refactoring Kubernetes clusters and refining resource usage.
2020.08 ~ 2021.05	**Fullstack Engineer, SoundOn**, *Taiwan* Launched SoundOn's first two paid services within a month, integrating TapPay for a seamless user payments. Deployed a CDN for podcast files, reducing network costs by over 90%. Tech: node.js, postgresql, k8s, bigquery, firebase, python, react, gcp
2019.07 ~ 2020.06	**Co-founder & Full-Stack Engineer, MilkJobs**, *Taiwan* Launched a job platform for SMEs with 5k+ users and 1k+ companies. Developed apps, website and backend. Tech: react, react native, .net core, mysql, openapi, aws
2018.03 ~ 2019.07	**Software Engineer, nuTonomy**, Aptiv, *Singapore* Migrated autonomous vehicle logs and redesigned pipelines with AWS Kinesis & SQS, achieving 10x scalability. Tech: python, .net core, mysql, aws
Summer 2016	**Software Engineering Intern, Google**, *Taiwan* Chrome OS Video and Camera team. Developed low-level features bridging Chrome OS and Android systems.

Skills

Languages	Chinese (native), English (fluent)
Prog Languages	Python, JavaScript, TypeScript, C#, C++, SQL, Shell
Frameworks	React.js, Next.js, Node.js, Flask, GraphQL, .Net Core, React Native, Flutter
Cloud & DevOps	AWS, GCP, Kubernetes, Terraform, GitHub Actions, CircleCI

Education

2013 ~ 2017	**BSc in EE, National Taiwan University (NTU)**, *Taiwan* CS GPA: 4.19/4.30. Courses: Network Science, Computer Networks, Machine Learning, Algorithms, Data Structure
Winter 2016/17	**CS Exchange student, University of Hamburg (UHH)**, *Germany* GPA: 3.30/4.00. Courses: Knowledge Processing, Robotics

Interests

Slow travel, cooking, watching indie films, reading manga.