

Peter Y. Gao

At the intersection between People x Technology x Product

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EXPERIENCE

Onigiri (Lantern Labs Pte. Ltd.), Singapore

Founder & CTO

Feb 2021 - Feb 2022

As a solo technical founder, just about everything falls on me:

Running the product team, hiring engineers and designers. Customer development. Growth marketing. Investor outreach & pitching. Last but not least: coding the product.

Raised Pre-Seed USD 285K.

Stack: Elm on the front-end. GraphQL by Hasura for data persistence.

StaffAny, Singapore

Engineering Manager

August 2019 - September 2020

Reported to the CTO & managed the existing team. Performing 1:1's, diagnosing bottlenecks, offering mentorship to improve productivity of new team members.

Ideated strategic product direction with the core founding executive team by giving relevant technical & product input.

Stack: React + React Native (for mobile), PostgreSQL. Node + hapi.js, deployed to AWS with Docker.

Bananatag Systems, Vancouver

Director of Engineering

April 2018 - February 2019

Scaled engineering from 10 -> 30 engineers, leading up to acquisition by Staffbase.

Focus was on fostering shared team values and creating psychological safety to sustain a high performance team.

Instrumental in architecture & process optimisations. Reduced deployment time from one week to 2 days.

Stack: Node + hapi.js, React, MySQL deployed to AWS with Docker.

SKILLS

Forming teams and fostering engineering discipline.

Building trust through listening and mentorship.

Technical knowledge in application architecture and cloud infrastructure.

Parsing ambiguous business requirements into concrete technical requirements and execution plans.

Ability to interface with customers, product and technical leadership alike.

TOOLS OF THE TRADE

SQL (PostgreSQL + MySQL)

Ruby (and Rails API up to 5.x)

Elm (preferred for frontend)

JavaScript (ES6 and harmony)

Node.js, hapi.js, Express.js

React 16 + React Native

AWS & Azure Infrastructure

INTERESTS

Python 2.7 + 3 for ML

Elm + Elixir for robust & scalable web apps

Ethereum-backed dApps

Point Digital Finance, Palo Alto

Technical Lead Engineer

September 2016 - March 2018

Automation increasing underwriter lead validation throughput by ~33% based on time from inbound lead to conversion or rejection.

Inbound lead gen experimentations and funnel optimizations based on analytics instrumentations (Google Analytics & Full Story).

Created a PDF fraud detection engine based on content heuristics.

Stack: Rails, React, Postgres deployed to Heroku with CircleCI pipeline.

Everlane, San Francisco

Senior Full Stack Software Engineer

July 2014 - July 2016

Built an in-house eCommerce + ERP system with Ruby on Rails and Backbone.js with a fantastic team.

Continuously optimized the application by profiling execution performance and memory utilization via tools like minitrace, New Relic and Scientist.

Stack: Rails, Backbone.js, Postgres, Redis deployed to Heroku.

Quantcast, San Francisco

Front End Software Engineer

June 2013 - July 2014

Engineered a business critical client-facing AngularJS dashboard app for our Advertise clients, creating reusable modules and integrating with Java Play backend.

Spearheaded front-end architecture by introducing front-end best practices, including using Zurb Foundation for responsive websites and SCSS stylesheet management.

Stack: Java Play, AngularJS, Postgres and deployed to internal cloud infrastructure.

Ifelgoods, Redwood City

Full Stack Software Engineer

Aug 2012 - May 2013

Built web frontend for internal tools and core product.

Backend development of new RoR analytics dashboard application using Redis cache & queue-based event tracking while integrating with 3rd party APIs.

Amazon EC2, RDS & SQS development and administration.

Stack: Rails, JavaScript, MySQL and deployed to AWS EC2.

EDUCATION

Simon Fraser University, Canada

Bachelor of Science

September 2007 - September 2012

Grade: A- (3.43 CGPA)

Studied Interactive Arts and Technology, Informatics & Media Arts