Jean-Paul Lew

Senior Software Engineer

https://jplew.github.io/portfolio

HIGHLIGHTS OF QUALIFICATIONS

Skill	Years	Skill	Years
Javascript	9	React	5
Typescript	5	Next.js	4
Solidity	1	Angular	3
Go	2	HTML/CSS	16
PHP	9	Docker	4
MySQL/Postgres	9	Kubernetes	1
MongoDB	5	AWS	2
Node.js/Express	5	Firebase/GCP	3

EMPLOYMENT

Scatter.art

https://www.scatter.art

Founder/CTO • Jan 2022–ongoing

Founder of niche Ethereum NFT marketplace and collection launchpad. Wrote full suite of exchange contracts in Solidity, including implementation of EIP-1167 Minimal Proxy Contract for low-cost collection deployment. Managed broad range of services including Node/Ethers.js blockchain indexers, Typescript API, React/Next.js frontend.

CTO.ai

https://www.cto.ai

Senior Software Engineer • Feb 2018–Apr 2020

Technical lead and senior full-stack engineer at VC-funded startup. Team lead for HonestDoor app (https://www.honestdoor.com) and frontend lead for company web app (https://cto.ai). Mentored junior team members and led dev/ops duties including AWS orchestration, CI/CD pipeline management, and Docker microservices. Tech stack: React/Next.js, GraphQL, Prisma, Keycloak, Node.js, Postgres, ElasticSearch, Kibana, Logstash, Go, Docker, Kubernetes.

iBank Echios

https://www.echios.com
Software Contractor • Apr–Dec 2020

Full-stack developer for GreenFlower education and LMS app (https://green-flower.com/). Created mobile-first, responsive layouts using Next.js and Tailwind CSS. Led Google Lighthouse performance audits, handled dev/ops responsibilities using AWS EC2, Cloudfront, Cognito, and DynamoDB.

Strong Industries

https://www.superdumps.com
Full-stack Software Developer • Dec 2017–May 2018

Built enterprise-scale trucking industry web app in Laravel/PHP/MySQL. App featured OAuth authentication, role-based access, and Google Maps API, and data visualization dashboard. Wrote REST API processing terabytes of data, as well as comprehensive unit and integration tests in PHPUnit.

EDUCATION

University of British Columbia

B.A. Economics & Philosophy • 2000–2005

British Columbia Institute of Technology

Venture Program Certificate: Entrepreneurship • 2001

Intensive entrepreneurship program covering product planning, marketing strategy, operations strategy, business administration, accounting, risk assessment and business plan development.

CERTIFICATES

Epic React by Kent C. Dodds

https://epicreact.dev • 2020

Testing Javascript with Kent C. Dodds

https://testingjavascript.com/ • 2019