Christoph Wong – Software Engineer

Profile

After consulting organizations in private, public and non-profit sectors for over 2 years, I worked as a software developer in a startup environment delivering quality software with business value in a fast paced market.

I work with many different technologies and am always open to learning more. I am passionate about **high quality software**, and helping teams **improve their process** in delivering value with my experience in agile software development and consulting, full-stack software development, devOps tools and practices, test-driven development (TDD), and pair-programming.

Technical Skills

- Programming languages: TypeScript, Ruby, JavaScript, Clojure, Python, Java

- Frameworks, tools and libraries: Next.js, Ruby on Rails, Node.js, React, Redux, Chef, Puppet, Vagrant, Ansible, RabbitMq, D3 js, jQuery

- Testing tools: Jest, Enzyme, Puppeteer, Jasmine, RSpec, Minitest, Junit, Selenium, Mockito, Mocha, Enzyme, Midje

- Databases/ORM: GraphQL, MongoDB, Postgres, MySQL, Oracle SQL

- DevOps tools: Docker, Docker Compose, Kubernetes, Ansible, Vagrant, AWS, Google Cloud (GRPC), NGINX, Linux

- Methodologies: Infrastructure as Code, Test Driven Development (TDD), Continuous Integration / Continuous Delivery (CI / CD), Retrospectives, Pair Programming, Agile, UX, Design Thinking, Lean Development

Project Experience

SOFTWARE ENGINEER, SENIOR PLACE
REMOTE - JAN 2019 - MAY 2019

- Delivered well-tested software features independently in TypeScript, React, Redux, in response to client's demands in a remote startup environment

- Set up Continuous Delivery (CI/CD) pipelines to run automated tests and deploy core apps to cloud servers using Docker, Kubernetes, and AWS

- Improved software quality by introducing automated testing practices and tools such as: Jest, Enzyme, and Puppeteer

SOFTWARE DEVELOPER, STUDENT LOANS COMPANY
GLASGOW, UK – JULY 2016 - MARCH 2017

- Upgraded a monolithic application to use modern distributed micro-services architecture

- Developed well-tested Clojure codebase to replace legacy Java codebase

- Initiated live issues team to monitor and fix production issues

- Coached and pair-programmed with client developers on agile methodologies and quality software practices

SOFTWARE DEVELOPER, GOVERNMENT DIGITAL SERVICE
LONDON, UK — AUGUST 2015 - JULY 2016

- Developed, deployed, and maintained multiple internal Ruby on Rails web applications

- Guided junior developers through on-boarding

- Refactored old codebase with improved automated testing

TECHNICAL CONSULTANT, MAJOR RETAIL CHAIN
LONDON, UK — JULY 2015 - AUGUST 2015

- Performed agile transformation analysis

- Presented findings to key stakeholders across teams on agile methodologies

DEVELOPER, OPEN SOURCED PROJECT, D-CENT
LONDON , UK — MARCH 2015 - AUGUST 2015

- Developed, deployed, and maintained core products for D-cent project

- Designed and developed multiple prototypes and products

- Deployed and maintained CD / CI pipelines

Volunteering Experience

RAILS GIRLS | LONDON, UK — 2016

- Taught Ruby on Rails in weekend workshops designed for women to encourage gender equality in technology

Education and Training

THOUGHTWORKS UNIVERSITY | PUNE, INDIA — JANUARY - MARCH 2015

- Trained in software craftsmanship

- Learned consulting skills such as presentation skills, stakeholder management, project management

- Explored topics regarding social and economic justice: visited a local children and women's shelter, and participated in weekly discussions on topics regarding ethics and justice in business

DEV BOOTCAMP | CHICAGO, IL — MARCH - MAY 2014

- Trained intensively for nine weeks in web development

- Managed and led a team of five developers in completing a fully functional web application in eight days

- Practiced pair-programming regularly, and gained valuable collaborative work experience

- Learned technologies: Ruby on Rails, JavaScript, D3 js, Google Maps API, Emotion Analysis API