Christoph Wong – Software Engineer

Profile

After consulting organizations in private, public and non-profit sectors for over 2 years, I worked as a software engineer 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, Clojure, Ruby, JavaScript, Java, Python

- Frameworks, tools and libraries: Next.js, Ruby on Rails, Node.js, React, Redux

- Testing tools: Jest, Enzyme, Puppeteer, Jasmine, clj-test, Kaocha, RSpec, Minitest, Junit, Selenium, Mockito, Mocha, Enzyme.

- Databases/ORM: GraphQL, MongoDB, Postgres

- DevOps tools: Docker, Kubernetes, Ansible, Vagrant, AWS, Google Cloud, 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, HIGHSPOT
SEATTLE, WA - JUNE 2019 - PRESENT

- Design, build and ship features for the Highspot platform. Including core analytics features that provides flexible reporting capabilities using: Clojure, Postgres, Ruby, JavaScript and MongoDB

- Took on incident response duties: debug, support and alert the wider business on production outages

- Supported the scaling of the engineering team, by contributing to recruiting efforts such as: interviews, reviewing candidate codes submissions, and on-boarding newly-hired engineers

- Contributed to fostering a learning culture by teaching and running training workshops ("Intro to Clojure", "TDD with RSpec", etc.) and JavaScript "codewars" (kata) meetups.

- Created and maintained automated test suites and engineering documentation

- Expanded and maintained third party integrations including Gmail and Salesforce

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, as well as transitioning from Google Cloud Platform (GCP) to Amazon Web Service (AWS).

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

SOFTWARE ENGINEER, 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

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

- Developed, deployed, and maintained core products for D-cent project (decentralized citizen engagement project)

- Designed and developed multiple prototypes and products

- Deployed and maintained CD / CI pipelines

Education and Training

HIGHSPOT, INC | SEATTLE, USA – APRIL, AUGUST 2020

- Data privacy training on regulations such as HIPAA, GDPA, BIPA, and CCPR

- Enterprise security 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