Jason Woodland

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EXPERIENCE

Full Stack Engineer
Jan. 2021 – Oct. 2024

Strive Limited
Tokyo, Japan (Remote)

- Developed SaaS-scale job management platform for safety check industry. Managing 7000+ property compliances
- Executed zero-downtime business data migration to new SaaS-platform
- Developed GraphQL web server using Node/PostgreSQL/Redis/etcd and deployed to Kubernetes cluster
- Developed horizontally scalable cron scheduling notification system
- Develop AWS infrastructure using Terraform
- Built, deployed and maintained SaaS Kubernetes cluster
- CI/CD Deployment to AWS ECS with GitHub Actions
- Developed custom integrations for 3rd party APIs (Xero, Stripe, AWS S3, Asana, SafetyCulture, iAuditor/GeoOp, Twilio, SendGrid)
- Test driven development using Jest (unit/integration testing)

Senior Sofware Engineer
May 2022 – Jan. 2023

Satellite.im
Maryland, United States (Remote)

- Designed and developed extensive additions to an existing cross-platform, open source decentralized chat/video calling application utilizing IPFS, Typescript, Vue.js, Nuxt.js, Capacitor, Rust, Dioxus (Rust web app framework)
- Lead a team to refactor cross-platform app UI with a strong emphasis on performance, accessibility, and UX
- Utilize a variety of web APIs including WebRTC, IndexedDB, and Screen Capture
- Develop an accessible UI component kit with React, Tailwind, Headless UI, and Vite
- Worked with with design team using Figma to improve UI/UX

Systems Engineer
Oct. 2020 – May 2022

ispec inc.
Tokyo, Japan (Remote)

- Developed GraphQL, REST & WebSocket servers written in Go
- Practiced clean code architecture and software design principles. Domain-driven design and DI design patterns
- Developed front end web applications using Nuxt, React & Angular
- Worked with Docker, Docker Compose, makefile. E2E testing using Cypress
- Deployed numerous projects to Amazon ECS/Fargate with Terraform; CI/CD Deployment to AWS ECS using CircleCI/GitHub Actions
- Collaborated with large teams using GitHub/ZenHub; contributed to open-source monorepo

Web Developer
Mar. 2019 – Oct 2020

Spicy Web
Melbourne, Australia

- Brought website designs from wireframe to completion and deployment using Craft CMS 3 (PHP, Twig, Yii Framework, JavaScript, webpack, Git)

TECHNICAL SKILLS

Languages: TypeScript (JavaScript, Node.js, Bun.js), Go, Kubernetes (Helm, Kustomize, Linode LKE), Terraform (AWS), SQL (PostgreSQL/MySQL/SQLite), PL/pgSQL, C (unix/STM32), Objective-C, PHP (LAMP/Yii/Craft CMS), HTML, CSS (SCSS), Python, Kotlin, Rust, Unix shell script (bash/zsh), awk, Lua, Vimscript
Frameworks: Next.js, Nuxt, React, React Native, Vue.js, Angular, Tailwind, GraphQL, Relay, Redux, gorm, knex, Objection.js, Dioxus (Rust framework), join-monster, ActiveRecord, libssl, Craft CMS (Yii PHP framework)
Developer Tools: AWS, Linode (LKE), Terraform, kubectl, minicube, Grafana, Prometheus, GitHub Projects, GitHub Actions, CircleCI, Docker, Docker Compose, PostgreSQL, MySQL, Redis, pgadmin, OpenSSH, git, Neovim, Xcode, Android Studio, Ollama, Jest, Storybook, Cypress, Apache, Debian Linux, macOS, FreeBSD, Illustrator, InDesign

EDUCATION

Chisholm Institute
Melbourne, Australia

Certificate IV in Web-Based Technologies: Graduated with HDs and Recognized Prior Learning
Sept. 2014

LANGUAGES

English: Native speaker
Chinese: Studying conversational Chinese abroad, progressing toward HSK 3 certification