Junyi Wang

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SKILLS

Programming Languages: Go, Python, Java, JavaScript (TypeScript), C++, C#, Lua, Bash, SQL, HTML
Frameworks: Spring, Java EE, Flask, Django, Node.js, React, React Native, Svelte/SvelteKit
Tools and Platforms: AWS, Google Cloud, Docker, Kubernetes, Argo CD, Git, CI/CD pipelines, MySQL, PostgreSQL, Linux, Nginx, Traefik, Proxmox, Ceph, Selenium, Bash, vim

WORK EXPERIENCE

Nagrastar, LLC   Englewood, CO
Software Engineer   *Feb 2023 - Present*
- Led enhancements and maintenance of a company core application suite, used by the customer to provide service to multi-million users nation-wide, using **C#, C++, Python (Flask), and Javascript**.
- Cut down resources for manual testing by 40% by proposing, designing, and implementing an automated test program for a company core application suite using **Python and Selenium**.
- Reduced the overhead for testing and reproducing production issues by 50% by setting up **CI/CD pipelines** and maintaining version-controlled lab environments using **Kubernetes and ArgoCD**.
- Developed a full-stack management platform for a company core application using **Python Flask**.

Apollo Eye, LLC (Solar Power Plant Monitoring Company)   Tokyo, Japan (remote)
Software Engineer (part-time)   *Jan 2021 - Present*
- Designed and implemented an automation program using **Java and Selenium** that executes every day to retrieve data for over 1000 power plants, owned by enterprise and individual customers.
- Designed and implemented a full-stack web application using **Java (Spring)** to visualize analyzed power plant data, reducing time to identify equipment malfunctions by 50% for customers.

Prussian, Inc. (Data-driven FinTech Company)   East Palo Alto, CA
Software Engineer and Chief Technology Officer   *Jul 2022 - Feb 2023*
- Designed and implemented a cloud-native automated stock trading system on **AWS**, executing market orders following predefined instructions and real-time market information from external APIs.
- Designed and implemented a full-stack mobile application using a serverless architecture on **AWS and React Native**, providing a convenient way for customers to view and manage their accounts.
- Managed a team of developers to complete features and requests using **Jira**, following the **Agile methodology**, and managed organization members' privileges on **AWS IAM**.

PROJECT EXPERIENCE

Personal   Denver, CO
Personal website   *Jul 2024 - Present*
- Built an interactive personal website with **Svelte + TypeScript** to showcase a professional portfolio.

Bare-metal Kubernetes Cluster   *Nov 2024 - Present*
- Built a Kubernetes cluster with **Proxmox, Ceph, and Rancher k3s** to host and monitor applications.
- Set up **CI/CD pipelines** with **GitHub Actions and Argo CD** to deploy applications to the cluster.

CERTIFICATIONS

CompTIA Linux+ - CompTIA	*Nov 2024 - Nov 2027*
AWS Certified SysOps Administrator Associate - Amazon Web Services (AWS)	*Jul 2023 - Jul 2026*
AWS Certified Developer Associate - Amazon Web Services (AWS)	*Mar 2023 - Mar 2026*
AWS Certified Solutions Architect Associate - Amazon Web Services (AWS)	*Dec 2022 - Dec 2025*

EDUCATION

Boston College   Chestnut Hill, MA
Bachelor of Arts in Computer Science and Mathematics   *Aug 2018 - May 2022*
Relevant Courses: Algorithms, Web Application Development, Compilers, Computer Systems, Computer Networks, Randomness and Computation, Database Systems and Applications