

Joshua Cowell

Software Developer

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PROFILE

A product-driven backend developer with a keen eye for application security who's always looking to learn more. I currently have expertise with Java, Spring Boot, and TypeScript technologies but I'm eager to learn a new stack.

SKILLS

Java | Spring Boot | JUnit | Mockito | TypeScript | React | OOP | Tailwind | Docker | AWS
Kubernetes | PostgreSQL | Bamboo | Linux/Unix | CI/CD | Go | HTML/CSS | Git | Bash

PROFESSIONAL EXPERIENCE

Software Developer - Application Security NISC

08/2022 – 09/2023 | United States

- Develop an envelope-encryption-based library used to secure customer data by integrating with AWS Key Management Service and Hashicorp Vault
- Lead the development of a Recaptcha library to mitigate the attack surface on company assets.
- Manage the infrastructure and build pipelines for security-related infrastructure in the department
- Collaborate with stakeholders across various teams to improve department-wide security posture
- Remediate known vulnerabilities using JFrog Xray and Veracode

PROJECTS

Personal Website

03/2022 – Present

My personal website.

- Build a website using TypeScript, React, and Tailwind.css to increase online presence.
- Manage the project using Git and GitHub for version control.
- Utilize Vercel to manage deployments
- Create a RESTful API using Go and Gin

Kiroku-kun

05/2023 – Present

A discord bot written in TypeScript that logs information.

- Plan and develop a Discord bot to track user-provided youtube videos and generate stats based on logged videos
- Deploy using Railway and Dockerfile
- Use Prisma to interface with a PostgreSQL database

Akiya Scraper

05/2022 – Present

A web scraper written in Go.

- Create a web scraper to extract price, size, and location information from a real estate website.
- Leverage an ORM to complete CRUD operations on a PostgreSQL database.
- Provision resources on Heroku to support the backend.

EDUCATION

Bachelor of Science, Software Development

08/2021 – 05/2022 | Salt Lake City, Utah

Western Governors University

LANGUAGES

English

Fluent

Japanese

C1