

Joshua Cowell

Software Developer

✉ joshuacowell@hotmail.com ☎ +1 (757)-305-7756 in linkedin.com/in/joshuacowell/

🐙 github.com/redcowe 📄 jcowe.dev 📍 Virginia Beach, Virginia

PROFILE

A hardworking and highly motivated lifelong learner who's looking to break into tech. Has experience working with C#, JavaScript, and Go, but is more than willing to learn new skills to start generating value immediately.

SKILLS

Java | Spring Boot | AWS | TypeScript | React | Kubernetes | PostgreSQL | Unit Testing | CI/CD
Docker | Linux/Unix | Hashicorp Vault | Git | Veracode

PROFESSIONAL EXPERIENCE

Software Developer - Application Security

08/2022 – present

NISC

United States

- Develop an envelope-encryption-based library used to secure customer data by integrating with AWS Key Management Service and Hashicorp Vault
- Develop a Recaptcha library to prevent attacks 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 CWE vulnerabilities using static code analysis.

PROJECTS

Personal Website

03/2022 – present

My personal website created using JavaScript and React.

- Built a website using JavaScript and React to increase online presence.
- Manage the project using Git and GitHub for version control.
- Utilize AWS Amplify to create CI/CD pipeline.
- Configure DNS using Route 53 and Google Domains.

Kiroku-Kun

05/2023 – present

Discord bot that logs users watched videos

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

Western Governors University

Salt Lake City, Utah

- C949 - Data Structures and Algorithms I
- C969 - Software II - Advanced C#
- C188 - Software Engineering
- D191 - Advanced Data Management
- C868 - Software Development Capstone