

# Luke McConnell

Software Engineer in Japan specializing in cloud application development

Seeking a remote position | Japanese Permanent Resident

lukermcconnell@gmail.com | linkedin.com/in/luke-mcconnell

## Skills

### Programming

- Java
- C#
- Python
- PowerShell

### Technologies

- Gradle
- Jenkins
- Containers
- SQL Server

### Tools

- Gitlab
- Azure DevOps
- VMware/VSphere
- Jira/Confluence

## Professional Experience

**Computer Scientist** – U. S. Department of the Air Force

Aug 2020 - Jul 2022

*Java, C#, Python, PowerShell, Jenkins, Containers, GitLab, Azure DevOps, Jira*

SECRET Security Clearance (April 2021) | Scrum Alliance Certified ScrumMaster (February 2022)

- Designed, planned, and conducted project analysis on an enterprise cloud application
  - Built a prototype with Python that accepts data via TCP sockets for middleware messaging
- Developed a containerized data translator Java cloud application
  - Configured a development environment and maintained an automated build pipeline
  - Developed business logic over an enterprise application template
  - Implemented the application's message passing and translation functionality
  - Created tools for sending generated mock data to the data translator for testing and validation
- Contributed to an in-house status-board web application
  - Completed backlog items on a DevOps team for a C# ASP.NET Razor Page app
- Composed a Java desktop application update installer
  - Formed PowerShell script to coordinate OS services/SQL Server databases with file installs
- Wrote OOP classes, methods, unit-tests, and reviewed code on multiple Agile Scrum teams

## Education

**Bachelor of Science in Computer Science**

Aug 2018 - Aug 2020

*University of Colorado Boulder – GPA: 3.50*

## Personal Projects

**LukeMcConnell.net** - *HTML, CSS, Javascript*

- Designed and implemented a static portfolio website

## Military Service

**Nuclear Plant Operator** – U. S. Navy, Yokosuka, Japan; Norfolk, VA

Dec 2010 - Dec 2016

SECRET Security Clearance (Lapsed: December 2018)

- Safely operated all aspects of an aircraft carrier's nuclear reactor mechanical and fluid systems
- Led teams through complex nuclear plant qualifications, operations and maintenance procedures
- Awarded Honorable Discharge, Navy Achievement Medal, and Humanitarian Service Medal