

# KRISTA STRUCKE

## Software Developer

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## EXPERIENCE

### Software Engineer

PeerDesk

May 2023 - Present

- Participate in code review cycles and quality assurance (QA) testing for production ready deployments.
- Collaborate with remote, cross-functional teams to develop a pixel-perfect and mobile-responsive web application design from Figma mockups using Agile Methodology and Kanban boards.
- Proactively engage in research initiatives to identify opportunities for enhancing current system functionality and optimizing performance.
- Work with stakeholders to gather project requirements, use cases and test case scenarios, while also occasionally providing technical support for them.

### Full Stack Developer

Hack for LA, Food Oasis

February 2023 - Present

- Accomplished diverse tasks of varying complexity including the frontend/backend technologies of a contact form targeting multiple emails, email templates for contacts, upgrading MUI 5.0 to 6.0, exploring cloud solution upgrades for our application, and configuring Github Actions for automated security vulnerability patching.
- Actively participate in the open-source community by contributing to the project's GitHub repository.

### DevOps Engineer (Contract)

Fifth Tribe

November 2022 - December 2022

- Achieved 85% reduction in project build time by implementing parallelization in GitLab continuous integration, resulting in an increase in team productivity.
- Updated NPM dependencies and .yaml files to keep code up to date and prevent potential security vulnerabilities.

### Full-Time Software Engineering Student

App Academy

March 2022 - September 2022

- Learned software development methodologies and best practices, and developed my analytical and critical thinking skills by creating a full stack portfolio utilizing technologies such as REST and RESTful APIs, UI / Middle, web servers, databases, repository control systems like GitHub, Google Maps API, and AWS cloud technologies.
- Completed the 6-month program with an A+ grade average and four full-stack projects and daily pair programming.

## EDUCATION

Bachelor's Degree in Japanese - Rutgers University and ICU, New Brunswick, NJ and Tokyo, Japan | 2009 - 2013

CS50, Introduction to Computer Science - Harvard University via edX | 2020

Intermediate Javascript Data Structures and Algorithms - FreeCodeCamp | 2021

## CERTIFICATIONS/VOLUNTEERING

AWS Certified Cloud Practitioner - September 2023

DefCon, IT/Hacking - Cryptography and Privacy Village - August 2023

Women in Games Ambassador - July 2023 - Present

## SKILLS

Languages - JavaScript, Python, HTML, CSS3, SQL

Frameworks and Libraries - React.js, Next.js, Redux, Node.js, Express.js, Sequelize, SQLAlchemy, Flask, TailwindCSS

Tools - Xcode, VS Code, Git, AWS, Powershell, Linux, WSL, Docker, CI/CD, PostgreSQL, JSON, Microsoft Office