KRISTA **STRUCKE**
Software Engineer

developerkrista@gmail.com | Burbank, CA - Open to Relocation | **PORTFOLIO** | **GITHUB** | **LINKEDIN**

EXPERIENCE

Software Engineer

PeerDesk   May 2023 - Present
- Engineered the peer messaging feature for the application, harnessing the capabilities of Supabase's real-time PostgreSQL tables to ensure live updates of messages. Devised an efficient relational database schema for optimal functionality. Implemented the web application's mobile-responsive landing pages and the navigation menu.
- Collaborate with remote, cross-functional teams to develop a pixel-perfect product from mockups using Agile Methodology and Kanban boards, contributing to problem-solving initiatives aimed at enhancing the application's performance.

Full Stack Developer

Hack for LA, Food Oasis   February 2023 - Present
- Accomplished diverse tasks of varying complexity including the frontend/backend of a contact form targeting multiple emails, email templates for contacts, upgrading MUI 5.0 to 6.0, and configuring Github Actions for automated security vulnerability patching.
- Actively participate in the development lifecycle and open-source community by contributing to the project repository through issue resolution, code review, and pull requests.

DevOps Engineer (Contract)

Fifth Tribe   November 2022 - December 2022
- Achieved 85% reduction in project build time by implementing parallelization in GitLab CI, resulting in an increase in team productivity.

Full-Time Software Engineering Student

App Academy   March 2022 - September 2022
- Demonstrated a strong commitment to mastering software development methodologies and cultivating critical thinking. Gained hands-on experience in developing a diverse full-stack portfolio. Proficiently utilized technologies and best practices such as RESTful APIs, automated testing, web servers, databases, and version control systems like GitHub. Additionally, I leveraged external services like Google Maps API and AWS cloud technologies to enrich my applications.
- 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, New Brunswick, NJ and ICU, 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, 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, MacOs, Linux, WSL, Docker, CI/CD, PostgreSQL, Selenium, Supabase