

# KRISTA STRUCKE

## Software Engineer

[developerkrista@gmail.com](mailto:developerkrista@gmail.com) | Burbank, CA - Open to Relocation | [PORTFOLIO](#) | [GITHUB](#) | [LINKEDIN](#)

## EXPERIENCE

### Software Engineer

PeerDesk

May 2023 - Present

- Collaborate with remote, cross-functional teams to develop pixel-perfect responsive web applications from mockups using Agile Methodology and Kanban boards.
- Review code through pull requests with strong attention to detail, resulting in improved quality and team collaboration.
- Conduct proactive research to identify opportunities for enhancing application functionality and performance, consistently contributing valuable suggestions and ideas for continuous improvement for the team.

### Full Stack Developer

Hack for LA, Food Oasis

February 2023 - Present

- Actively participate in the open-source community by contributing to the Hack for LA Food Oasis repository through issue resolution, code review, and pull requests.
- 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

## PROJECTS

**Note Pile** (Built with ReactJS, Redux, Python, Flask, SQLAlchemy, Alembic, CSS3, Framer Motion, Heroku)

[live](#) | [github](#)

*A note-taking app where users can save and organize text data, built with React, Node, JSX, Python & Flask.*

- Spearheaded the end-to-end development of a robust note-taking application, including designing and implementing the database schema, building all RESTful API routes, and creating frontend routes and functionality from scratch.
- Implemented Redux state management to efficiently handle data for long notes and submissions, resulting in improved app performance and user experience.

**Nerdbrite** (Built with ReactJS, Redux, Nodejs, Expressjs, Sequelize, PostgreSQL, CSS3, Render, AWS)

[live](#) | [github](#)

*An event site where users can create, view, and manage fun nerdy events, built using React, Node, & Express.*

- Developed the backend using Express to enhance custom error validations and to apply timezone patches for smooth Heroku deployment, resulting in reduced error rates and improved performance.
- Optimized the user experience by implementing the Google Maps API and address autocomplete feature, leveraging Google Cloud Console to make location input more intuitive and efficient, resulting in a more seamless user experience.

## EDUCATION

**B.A. East Asian Studies** - Rutgers University, New Brunswick, NJ | 2009 - 2013

**Japanese Language & Culture** - International Christian University, Tokyo, Japan | 2011 - 2012

**Web Development 6-Month Immersive** - App Academy | March - September 2022

## CERTIFICATIONS/VOLUNTEERING

**AWS Certified Cloud Practitioner** - September 2023

**Women in Games Ambassador** - July 2023 - Present

## SKILLS

**Languages** - JavaScript, Python, HTML, CSS, SQL

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

**Tools** - VS Code, Git, AWS (S3, EC2), Linux, Docker, CI/CD, PostgreSQL