

KRISTA STRUCKE

Software Engineer

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, JavaScript, Node.js, Python, HTML, CSS, SQL, SQLAlchemy, Flask, Docker, Express.js, Git, AWS, Tailwind

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.
- Create comprehensive and user-friendly documentation to support the development of web applications and facilitate knowledge sharing among team members.

Full Stack Developer (Contract)

Fifth Tribe

November 2022 - December 2022

- Achieved 85% reduction in project build time by implementing parallelization in GitLab CI/CD, resulting in an increase in team productivity.
- Updated NPM dependencies and .yaml files to keep code up to date and prevent potential security vulnerabilities.
- Spearheaded automating the versioning process, resulting in seamless updates and patching of the application during continuous integration.

PROJECTS

Note Pile (Built with ReactJS, Redux, Python, Flask, SQLAlchemy, Alembic, CSS3, 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, Heroku, 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

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

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

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