# BLAKELY BURNS

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## SKILLS

**Languages:** JavaScript (Node.js, TypeScript), Python, HTML, CSS, SQL
**Frameworks & Libraries:** React, Express, Flask, Next.js, Redux, React Testing Library, Jest, Cypress, Puppeteer
**Industry Tools & Technologies:** PostgreSQL, Sequelize, Git, GitHub, Docker, AWS, VMware NSX, Heroku, Netlify, CircleCI

## RELEVANT EXPERIENCE

**Software Engineer**, SPJ Solutions | Remote                    *Dec. 2021 – Dec. 2022*
- Created and enhanced features to automate the deployment and configuration of VMware NSX-T networking environment and components
- Designed and implemented automated end-to-end testing with Puppeteer and Jest to significantly reduce time spent on manual testing
- Extracted and transformed data from VMware's API and the  PostgreSQL database to create interactive visual representation of the NSX network topology
- Participated in daily team stand-ups and JIRA ticket handling to maintain deadlines and manage tasks efficiently in an Agile software development environment

**Frontend Developer**, Hack for LA | Remote                    *July 2021 – Dec. 2021*
- Maintained and enhanced the Hack for LA website by fixing bugs, implementing new features, and refactoring legacy code
- Reviewed pull requests to ensure that the deliverables were met and the code is clear and maintainable
- Collaborated with other developers, designers, and product managers to improve user experience and implement new features

## PROJECTS

**LangChat**
- A web-based chat app that helps users learn a new language by allowing them to chat with other users who speak their target language
- Developed with Node.js, Express, PostgreSQL, React, Redux, and Socket.io

**Dive Atlas**
- A web app where scuba divers can discover new dive sites, share their experiences, and keep a record of past dives
- Developed with Python, Flask, PostgreSQL, SQLAlchemy, Mapbox, and JavaScript

**Teacher Lab**
- A web app designed for teachers to make backward planning and collaboration more efficient
- Developed with Node.js, Express, PostgreSQL, React, Tailwind, and JWTs

## ADDITIONAL EXPERIENCE

**Substitute Teacher**, Swing Education | Ventura, Ca                    *2019 – 2020*
**Science Teacher**, Santa Paula Unified School District | Santa Paula, Ca                    *2018 – 2019*
**Accounting Assistant**, Sawdust Art Festival | Laguna Beach, Ca                    *2017 – 2018*
**Science/Math Teacher**, Panyadee British International School | Koh Samui, Thailand                    *2013 – 2016*

## EDUCATION

**Springboard,** Software Engineering Program, Certificate, *2021*
**Western Governors University,** Master of Arts, Teaching Science, 2018
**Gordon College,** Bachelor of Science, Biology, 2009