# BLAKELY BURNS
## SOFTWARE DEVELOPER

## CONTACT

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## SKILLS

JavaScript, Node.js, Python, Flask, React, Express, SQL, PostgreSQL, HTML/CSS, Redux, Jest, Docker, Git, CI/CD, CircleCI, Cypress, Problem Solving, Adaptability, Communication, Collaboration

## SUMMARY

Software developer and former science teacher with five years of experience in education dedicated to helping students investigate real-world problems and design creative solutions. Now applying that same passion to solving problems through code. Experienced in building full-stack applications with Javascript, React, Node, Express, Python, and SQL. Looking for a position where I can make a meaningful contribution, collaborate with other developers, and grow my skills.

## PROJECTS

### TEACHER LAB
A web app for teachers designed to make backward planning and collaboration more efficient.
API developed with Node.js, Express, and PostgreSQL, using JWTs for authentication.

### DIVE ATLAS
A web app that helps scuba divers discover new dive sites, share their experiences and keep a record of past dives.
Full-stack app developed with Python, Flask, PostgreSQL, SQLAlchemy,  and JavaScript

### JOBLY
A job search web app where users can find job postings and look up company information.
Full-stack app developed with Node.js, Express, PostgreSQL, React, and Redux

### 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.
Full-stack app developed with Node.js, Express, PostgreSQL, React, Redux, and Socket.io

## EXPERIENCE

### SPRINGBOARD
**Software Engineering Career Track - Student**                              Aug. 2020 to June 2021
700+ hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of 4 in-depth portfolio projects. Mastered skills in front-end web development, back-end web development, databases, and data structures and algorithms.

### SWING EDUCATION                                                          Ventura, Ca
**Substitute Teacher**                                                      Sept. 2019 to Apr. 2020
Led classes of 20-40 students across a wide range of grades and subjects
Supported students with a variety of skills and backgrounds
Implemented lesson plans and worked with students to reinforce concepts and skills introduced by the teacher

### SANTA PAULA UNIFIED SCHOOL DISTRICT                                      Santa Paula, Ca
**Science Teacher**                                                         Aug. 2018 to June 2019
Developed and implemented engaging inquiry-based lesson plans
Collaborated with teachers and administrators to develop, evaluate, and revise science curriculum
Analyzed assessment data and adjusted lesson plans and teaching strategies to improve student outcomes

### PANYADEE, THE BRITISH INTERNATIONAL SCHOOL OF SAMUI                      Koh Samui, Thailand
**Science/Math Teacher**                                                    Aug. 2013 to July 2016
Engaged students in learning science and math through inquiry, discussion, and project based learning
Supported students from various linguistic backgrounds in developing their English language skills

## EDUCATION

### Springboard
Certification Software Engineering Career Track 2021
9-month intensive course in Software Engineering methodologies and technologies

### Western Governors University
Master of Arts Teaching Science 2018

### Gordon College
Bachelor of Science Biology 2009