

Alec Springel



alecspringel.com



@alecspringel



alecspringel@gmail.com



+1 702-290-0858

About

A problem solver at heart, I enjoy finding creative solutions for businesses through programming and thoughtful design. I'm a firm believer that every problem has a solution, and that with hard work, you can learn to do anything.

Education

September 2018 - June 2021

B.S. Computer & Information Science,
University of Oregon

September 2016 - September 2018

Minor in Chemistry,
University of Oregon

Experience

March 2021 - Present

Software Engineer, ETW at Nike contracted by ProUnlimited

Write and test code for company and consumer facing systems, utilizing frontend and backend technologies including NodeJS, ReactJS, AWS, Jenkins, Splunk, and more.

October 2020 - March 2021

Volunteer Software Engineer, BRING Recycling

Designed, created, and maintained a web application that allows BRING to connect with donors. The app features a public facing donation form on their website which allows photo uploads, an admin portal for reviewing donations, and an internal API with authentication.

September 2019 - March 2021

Founder, Last Layer LLC

Parent company for farmPlot, which helps cannabis farms comply with government regulations and reporting. The app is certified by Metrc in Oregon, and utilizes their API to extend the functionality of their reporting system which is required by state law. farmPlot helps this growing industry by providing additional data, tools, and analytics that are not offered by Metrc.

June 2017 - September 2017

Engineering Intern, 209 Group & Mocap Solutions

Worked alongside the CEO to streamline workflow, manage and find new accounts, create marketing campaigns, advertise customer products at events, and manage client data.

References

Nader Rahimizad,
Engineering Manager,
Nike Inc.
+1 (503) 619-9567

Tom Armburster,
CEO, 209 Group
& Mocap Solutions
+1 (949) 533-0539

Emily Shelton,
Event Coordinator,
BRING Recycling
+1 (336) 430-6807

Alec Springel



alecspringel.com



@alecspringel



alecspringel@gmail.com



+1 702-290-0858

Skills

- The desire to learn (self-starter)
- NodeJS, ReactJS, React Native, Electron
- REST APIs, GraphQL
- New Relic, Splunk, Jenkins
- MongoDB, DynamoDB
- Adobe XD, Figma, Postman
- AWS EC2, Cloudfront, S3, Route 53, Lambda
- Jest, React Testing Library

Projects & Awards

2019 - Present

farmPlot - ReactJS, React Native, NodeJS, GraphQL, Electron, MongoDB, AWS EC2

farmPlot extends Metrc's API to allow cannabis farms to extract more data from their facility. The app features authentication, push notifications, data visualization and tables, custom tools for use with RFID/barcode scanners, and so much more. The app is currently being used by one of the largest licensed facilities in Oregon, and is being adopted by another facility in Nevada.

October 2020 - Present

"Hack for a Cause" OR Technology Association Winner - ReactJS, NodeJS, REST, AWS EC2/S3

Led a team of three to win the Fall 2020 "Hack for a Cause" challenge for BRING Recycling, a local non-profit in Eugene. BRING was receiving hundreds of calls from potential donors each month, and was having trouble deciding what items could be accepted over the phone. BRING wanted a web portal designed that allowed donors to upload photos with descriptions so employees could respond to the items with a yes or no. They described the project as a "Tinder for stuff". In 4 days, our team created a fully functioning prototype that included authentication, an admin portal for responding, and a photo storage solution through AWS S3. The application is currently in production and has received hundreds of donations to date.