

Customer focused, **Full Stack Software Engineer** with 9+ years of HTML and CSS experience in designing user interfaces for small local businesses located in Seattle, WA, and 1 year of experience in cross-functional team collaboration, having worked with Data Scientists, Back End Engineers, Front End Engineers and iOS Engineers. Skilled in influencing, coaching and mentoring entry-level engineers to achieve individual goals. Dedicated to maintaining a reputation built on delivering readable, testable and maintainable code.

## ENGINEERING PROJECTS

### Front End Engineer — Startup Success Predictor — [Live Demo](#) - [Github Repository](#) **April 2019**

User submits information about their startup and the application displays a survival chance percentage

- Achieved the first Front End Engineer, from over 500 students, to implement React Hooks in production after its early release, replacing Redux
- Led front end engineering on a cross-functional team composed of 3 Data Scientists and 2 Back End Engineers by using data driven development prior to UI implementation
- Implemented React Hooks in production after its early release, replacing Redux, which lead to project containing more readable and maintainable code
- Achieved a customer focused UI that matched target audience by using Styled Components
- Refactored back end code using GraphQL, Apollo Server and FaunaDB to allow storing of user saved searches
- Tools: React Hooks, Styled Components, GraphQL, Apollo Client, Apollo Server, FaunaDB

### Back End Engineer — Best Cities To Live — [Github Repository](#) **July - September 2019**

User is able to search through 392 cities and make a decision on where to move based on their criteria

- Led back end and front end deployment operations on a cross-functional team composed of 1 Data Scientist, 3 Back End Engineers, 4 Front End Engineers and 2 iOS Engineers
- Responsible for creating continuous deployment procedures from 3 Github repositories to 3 Digital Ocean Droplets to decrease maintenance operations for 10 engineers in an agile environment
- Reduced the amount of time users spent researching cities that meet their needs, standards and expectations of a living environment by providing cost of living, crime rate and average commute times data for 392 cities
- Created 2 public APIs to allow city search and 1 internal API for seeding city data from 3rd party APIs
- Designed and built data model for authentication of users by using JSON Web Tokens and Bcrypt
- Optimized database insertion and retrieval speeds by replacing SQL database with MongoDB
- Tools: Digital Ocean Droplets, Continuous Deployment from Github, Node.js, Express.js, Mongoose, MongoDB

### Full Stack Engineer — GraphQL Blog — [Live Demo](#) - [Github Repository](#) **August 2019**

User is able to post, edit and delete blog posts

- Challenged and increased back end development speed by 80%, from a 12 hour day to 2 hours by implementing less boilerplate code using newly learned tools; GraphQL and Apollo Server
- Reduced front end data rendering speeds from API calls by using Apollo Client's useMutation
- Improved data modeling planning skills and data model development speed by writing only 6 lines of reusable and efficient code using Prisma Client
- Tools: React Hooks, Material UI, GraphQL, Apollo Client, Apollo Server, Prisma, PostgreSQL

### Full Stack Engineer — GraphQL Todo List — [Live Demo](#) - [Github Repository](#) **August 2019**

User is able to add and delete tasks, and toggle each task as completed by using a checkbox

- Challenged self learning speed and new skill acquisition by implementing React Hooks, GraphQL, Apollo Client and MongoDB in under 3 hours
- Tools: React Hooks, Material UI, GraphQL, Apollo Client, Express.js, Mongoose, MongoDB

## SKILLS

### LANGUAGES

\* JavaScript \*  
Python

### FRONT END

React Hooks  
Redux  
Apollo Client  
Material UI  
Semantic UI  
Styled  
Components  
End to End  
Testing

### BACK END

GraphQL  
Apollo Server  
RESTful APIs  
Data Modeling  
Data  
Normalization  
Authentication  
Bcrypt  
JSON Web Token  
Node.js  
Express.js  
Knex.js  
Mongoose  
MongoDB  
SQLite3  
PostgreSQL  
FaunaDB  
Prisma  
Django  
Unit Testing  
Integration  
Testing

### TESTING TOOLS

Jest  
Supertest  
React Testing

**WORK EXPERIENCE**

**Software Engineering Team Lead — Lambda School**  
**2019**

May - July

- Coached and mentored over 9 engineers by offering continuous feedback, pair programming, debugging and problem solving processes, which resulted in receiving 18 exceeding expectations reviews
- Improved team’s professional software engineering practices by supervising code standards, source control management, build processes and continuous deployment
- Increased team’s professional experience in communicating with other engineering teams, managing project requirements, and describing application feature benefits by receiving successful reviews from other teams
- Conducted daily code challenge sessions to improve the team’s software design pattern skills, including asynchronicity, data binding, modules, objects and promises

**Freelance Web Designer — christianipanaque.com**  
**November 2009 - December 2018**

- Improved marketing campaign of Seattle’s Spanish newspaper El Siete Dias by designing a website with effective call-to-action methods, increasing customer calls to an average of 3 calls per day
- Increased customer social engagement for restaurant and night club El Tenampa in Tacoma, WA by building a website that displayed all 100+ professional photos taken after all major events along with announcements of upcoming concerts
- Expanded customer base for bi-cultural restaurant Danube Bistro in Bellevue, WA by designing a website that displayed menus and future events in both Spanish and English, which resulted in an event having over 80 guests in a 50 person capacity restaurant

**Server Hardware Assembler Lead — Silicon Mechanics**  
**August 2006 - November 2009**

- Promoted to Lead position by training over 10 hardware technicians with efficient server building techniques and performant cable management, achieving a productive working environment
- Accomplished 2 company certifications by assembling 4 hard drive servers and 8 hard drive servers in under 1 hour, passing all 30 quality assurance points from quality control managers
- Increased workflow efficiency by using effective troubleshooting techniques and identifying hardware component failure as early as possible
- Reduced server overheating problems by wiring air flow performant cable management and using quality assurance procedures on over 20 servers per day

**EDUCATION**

**Lambda School — Full Stack Web Development and Computer Science**  
**2019**

February - December

9 month full-time hands-on immersive training in cross-functional team collaboration. Constantly going above and beyond in meeting code standards.

- Full Stack Web Development Coursework:** React, State Management, Data Modeling, Data Normalization, RESTful APIs, Authentication, Data Migrations, Data Seeding, Automated Testing
- Computer Science Coursework:** Sorting and Searching Algorithms, Recursion, Linked Lists, Stacks, Queues, Binary Search Trees, Heaps, Hash Tables, Blockchain, Graphs, Computer Architecture

**Everett Community College — Computer Hardware Technology**  
**2007**

September 2006 - June

**Shoreline Community College — Computer Support Specialist**

January 2005 - December 2006

**CERTIFICATIONS**

**University of Washington — 3 Course Certification in IT Project Management**  
**November 2019**

**Amazon — AWS Certified Solutions Architect**

September 2015 - September 2017

**Amazon — AWS Certified Developer**

October 2015 - October 2017

Library

**DEBUGGING TOOLS**  
Chrome DevTools  
Python Tutor

**VERSION CONTROL TOOLS**  
Git  
Github

**COLLABORATION TOOLS**  
Trello  
Asana

**DEPLOYMENT TOOLS**  
Netlify  
Heroku  
Digital Ocean  
Serverless Framework

**AWS TOOLS**  
AWS DynamoDB  
AWS Lambda  
AWS API Gateway  
AWS S3  
AWS Cognito  
AWS CloudFront

**AWARDS**

**3rd Place Award in Math Fax Competition — Shorecrest High School**

**February 2003**