

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
Library

WORK EXPERIENCE

- Software Engineering Team Lead — Lambda School

May - July 2019

 - 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

DEBUGGING TOOLS
Chrome DevTools
Python Tutor

VERSION CONTROL TOOLS
Git
Github

- 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

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

- 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

February - December 2019

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

September 2006 - June 2007
- 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

AWARDS

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

February 2003