

ELLEN DOWNING

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ELLENDOWNING@GMAIL

DENVER, CO

Software Developer



/ELLEN-DOWNING



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ELLENDOWNING.COM

SKILLS

PHP
CakePHP
JavaScript
GraphQL / Silex
Doctrine
Apigility / Zend
Node / ExpressJS
MySQL
PostgreSQL
Postman
ReactJS / Redux
React Native
Guzzle
cURL
Linux
ViSenze
Mandrill
Stripe

Agile
Lean
API Integration
OOP
E-Commerce
Atlassian JIRA
Authentication
Async
Automated Testing
A/B Testing
Continuous Integration
UX / UI Design
Version Control
RESTful Web Services
Responsive Design

SELECTED EXPERIENCE

Junior Software Developer @ Havenly 2018

- Wrote database migrations, GraphQL schema changes, and backend code to support new product vendor management module to support ordering operations.
- Implemented custom service with ViSenze to leverage their machine learning product to support designer product sourcing.
- Extended Havenly's custom Stripe integration to allow customers to remove credit cards from the system without destroying historical record of transaction.
- Developed, with backend lead, a custom state machine for automated user advancement through the platform
- Automated operational and customer service tools to improve customer care and business efficiency
- Worked with cross functional team members to discuss business objectives and translate into development effort

Project Manager @ Magpie Supply Co 2017

- Go Code Colorado Champion
- Assumed product manager role for team of 10 software developers and data scientists
- Alongside team lead, established project success criteria and managed relevant business initiatives
- Authored and evaluated user stories based on business needs and user expectations
- Developed frontend about pages using JavaScript, HTML, CSS

PROJECTS

PRSPCTV: A social application integrated with Strava API to capture user athletic data and display as semi-augmented, uniquely designed, aerial trace of event using MapBox API.

- Built With: React, Semantic UI, MapBox GL, Strava API, Express, OAuth2, Node.js, Knex.js, PostgreSQL, Github, Firebase.

cityBLOCK: A collaborative project, cityBLOCK is a crowdfunding application that utilizes block chain technology and smart contracts to support urban development projects.

- Built With: Vue.js, BULMA, EthereumJS, Solidity, Web3, MetaMask, Knex.js, Express, Node.js, PostgreSQL, Heroku, Github, Agile, Pair Programming.

EDUCATION

GALVANIZE Web Development Immersive 2017

BROWN UNIVERSITY B.S. Neuroscience 2014