

Scout Curry

Denver, CO | (510) 432-6301 | [Gmail](#) | [scoutcurry.com](#) | [LinkedIn](#) | [GitHub](#)

Tech Stack

Languages | JavaScript (ES5 and ES6), Python, C, TypeScript, Bash, SQL, Lua

Front End | React: Redux / Hooks, JQuery, HTML / CSS

Back End | Express, Node.js, Flask, GraphQL, NoSQL, MySQL, ArangoDB, MongoDB, Redis

Testing / Deployment | Jest, Mocha, Chai, AWS: EC2 / S3, Docker, NGINX, Heroku, Firebase

Developer Tools | Git, Linux, Vim, npm, Webpack, Babel, TDD, Agile Methodology, Scrum

Libraries | Three.js, Material-UI, Material Design, Bootstrap, Reactstrap, React Components

Software Engineering Projects

[AXlia - Affordability Calculator](#) (JS | React Hooks | AWS | Express | MySQL) **Front-End Engineer**

Calculates ratio of monthly home ownership costs based on multiple pricing inputs.

- ❖ Used React Hooks to catch state changes quicker than React's builtin functionality.
- ❖ Designed deployment architecture around AWS tools for scalability and ease of development.
- ❖ Decided on MySQL as the database for its high performance and small storage footprint.

Britestack - Local-Review (JS | ArangoDB | AWS | Docker | Express | NGINX) **Back-End Engineer**

Real estate review app, optimized to handle millions of CRUD operations by users.

- ❖ Achieved 2.4ms of average http response time for single reads on a dataset larger than 10 million unique entries, exceeding product's goal by 0.6 ms.
- ❖ Deployed on EC2 instances with Docker containers, and 4 servers load balanced using Least Response Time Method on NGINX.
- ❖ Decided on ArangoDB (NoSQL & GraphQL) as the database: NoSQL for accessibility and partition tolerance, GraphQL for indexing NoSQL collections, and fast read speeds on a read heavy application.

YourNews (JS | MongoDB | React Hooks | Express | News API | Three.js) **Full-Stack Engineer**

Personalized news hub to search for articles based on location, keyword, or news outlet.

- ❖ Used three.js to import blender models into the browser, as well as orbit controls for an immersive search experience.
- ❖ Created authentication to save user's personalized news configuration.
- ❖ Used News API to handle queries of all news networks.

[TwoDoor](#) (JavaScript | Firebase | HTML | CSS) **Full-Stack Engineer**

Flashcard tutoring app using the Leitner algorithm to promote fast learning.

- ❖ Worked in an agile project management system to ensure ease of development.
 - ❖ Used basic JS and light JQuery for unparalleled efficiency in runtime.
 - ❖ Applied Firebase's cloud storage for user-specific databases.
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Education

[Hack Reactor](#) (Software Engineering Immersive Program) **2021**

Intensive web-oriented development curriculum.

- ❖ Mastered JavaScript fundamentals such as design structures and asynchronous functions.

[Holberton School](#) (Full Stack Engineering Extended Bootcamp) **2020**

Operates with a project-based learning approach, strong emphasis on team skills.

- ❖ Covered foundational knowledge of programming structures and project management.
- ❖ Built C library functions from scratch and web pages with bare-bones web stack tools.