

# Mark King

## Full Stack Developer

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### Skills

#### Front End

JavaScript, React, React Native, Redux, HTML, CSS/LESS/SASS, Accessibility, Responsive design

#### Back End

REST, SQL, GraphQL, Node.js, Python

#### Source Control

Git, SCRUM/Agile methodologies, Continuous integration

#### Other

Automated testing, Windows, Linux

### Projects

#### The Legend of Fnu ☑

03/2020 – 03/2020

Multiplayer online Android/iOS dungeon game.

- Developed Android/iOS applications using React Native.
- Developed and deployed back end using Python, Django, and PostgreSQL.
- Utilized web sockets for chat and live player movement.
- Collaborated remotely with 2 developers using Slack/Zoom.

#### Community Calendar ☑

12/2019 – 02/2020

Help communities organize or keep track of local events using geolocation.

- Developed a greenfield full stack application over an 8 week period with a cross-functional team that included web developers, native Android/iOS developers, and a UX designer.
- Designed and implemented features for all aspects of tech stack: Back end, front end, and microservices.
- Developed back end using Node.js, Apollo Server, GraphQL, Prisma, and PostgreSQL.
- Developed front end web application using React, Webpack, and Apollo Client for precise state management and caching.
- Integrated Auth0 for secure authentication and social provider single sign on capabilities.

#### Hackathon - Create Your Own Adventure ☑

01/2020 – 01/2020

Create and share interactive stories using a graphical node interface.

- Judged "Best Overall" in Lambda School's 2020 Winter Hackathon out of 30+ teams and 200+ participants.
- Developed back end using Node.js, Express, and PostgreSQL in coordination with other team members.

#### Dev Desk ☑

12/2019 – 12/2019

Open tickets to ask questions related to programming.

- Designed, developed, and deployed all aspects of a REST API using Node.js, Express, and PostgreSQL.
- Implemented functionality allowing users to upload images/videos to help ask or answer questions.
- Integrated Slack API to create a bot that allows users to easily see, open, and answer tickets from Slack.
- Collaborated in coordination with front end team over Slack/Zoom.

#### Ride For Life ☑

11/2019 – 11/2019

An "Uber-like" application providing rides to healthcare facilities.

- Worked remotely to develop a full stack application in coordination with 3 other developers.
- Designed and developed all areas of front end architecture.
- Utilized Redux to centralize state management.
- Implemented functionality allowing riders to request rides from available drivers. Drivers can be notified by text messages via Twilio API.

### Professional Experience

#### SK Contractors, Construction/Project Management

2013 – 2019 | Jacksonville, FL

- Developed customer facing website to showcase company projects.
- Installed structural steel/truss roofing systems on 30+ commercial projects.
- Read blueprints, met with project managers/superintendents, and documented change orders.
- Operated equipment such as aerial lifts and forklifts.

### Education

#### Lambda School, Full Stack Web Development/Computer Science ☑

2019 – 2020 | Remote

- 9 month immersive, collaborative, and hands on software engineering academy.
- *Programming*: Object-oriented programming, design patterns, debugging.
- *Data Structures and Algorithm analysis*: Big O, Recursion, Sorting, Searching, Lists, Stacks/Queues, Hashing, Trees, Graphs.

#### University of Florida, Completed courses towards BS Computer Science

2018 – 2018 | Gainesville, Florida

- Java, Linear Algebra.

#### Florida State College at Jacksonville, AA

2016 – 2017 | Jacksonville, Florida

- Calculus 2, Calculus 3, Differential Equations, C programming.