

MARK RIVERA

SOFTWARE ENGINEER

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

PROFILE SUMMARY

Software Engineer with experience in creating full stack web solutions and collaborating with multiple remote teams in a variety of applications.

As a detail-oriented programmer, I constantly search for improvements to existing solutions while looking to implement the latest in cutting edge technologies. The future is on the web, and I want to build it together!

SKILLS

HTML | CSS | JavaScript

React | Redux | RTL | Jest

Node | Express | JWT | Sessions

PostgreSQL | Knex | SQL

Python | Django

EDUCATION

Lambda School | Remote
Jan 2020 - Jan 2021
Full Stack Web
Development, Computer
Science

CUNY Bronx CC | Bronx, NY
Jan 2019 - Sep 2022
A.S. Engineering Science,
Computer Engineering

LANGUAGES SPOKEN

English

Spanish

WORK EXPERIENCE

Full Stack Developer

SvnStar

Mar 2021 - Present

- Collaborated with a small team to construct an API, client side app and informational landing page, securing multiple rounds of funding from investors
- Wore multiple hats to supplement company needs and health during development, resulting in a solid beta application that was presented to the City of Chicago and Port Authority
- Authored tests to ensure app durability and redundancy. Resulting in a fully functional app even after heavy refactoring

Sheet Developer

The Orr Group (Roll20)

Mar 2021 - Jul 2021

- Developed and updated over 20+ virtual table top gaming sheets, which are used by over 8,000,000 users
- Resolved 8 to 10 user generated tickets daily, which resulted in consistently updated sheets and improved user satisfaction
- Designed wireframes for multiple sheets, improving team coordination and development time on long or complex projects

PROJECTS

PROTECTED

[GitHub](#) (Private) | [Live](#)

Jan 2021 - Present

- Reduced known bugs by 47% by engineering robust unit and integration tests. Which also improved app stability from version to version
- Engineered custom user authentication flow with input sanitization to protect sensitive user information

Remind Me

[GitHub](#) | [Live](#)

Jan 2021 - Jan 2021

- Implemented a background process with scheduler. Allowing the app to send text messages to users at a scheduled time of day
- Incorporated Redux state management to handle state changes within the application

Police Use of Force Tracker

[GitHub](#) | [Live](#)

Nov 2020 - Jan 2021

- Reduced unnecessary re-renders by implementing proper hook dependencies, which led to a 96% increase in application performance
- Re-engineered three auto-updating graphs that displayed yearly trends with the goal of improving readability and visualization of the data to users