Dru Serkes

Software Engineer

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SUMMARY

Full stack software engineer with a passion for crafting clean code and creative solutions. Former professional Broadway actor of 10 years totaling over 2,300 live performances from New York to Las Vegas. Excellent communicator with over 5 years experience mentoring young artists and athletes in both one-on-one and group settings.

SKILLS

LANGUAGES: JavaScript, Node.js, Python, HTML, CSS, SQL, TypeScript
LIBRARIES AND FRAMEWORKS: React, Redux, Express, Flask, jQuery, Jasmine, Jest, React Testing Library, Bootstrap, Material UI
TOOLS: Git, PostgreSQL, Axios, Jinja, VSCode, Heroku, Netlify
SOFT SKILLS: Public Speaking, Flexibility, Collaboration, Attention to detail

PROJECTS

Lyrify   2020
Lyrics for Spotify listeners
- Crafted a responsive single-page app with React, Redux, and Material UI components working with a Node / Express backend
- Followed Oauth2 protocol for login via Spotify and consumed multiple 3rd party APIs for data aggregation with PostgreSQL
- Improved MVP by adding custom search feature which validated and cleaned user inputs to increase rate of positive results

Quote Me   2020
React quote generator
- Built and tested responsive single-page app with a combination of React, Typescript, Jest, and Styled Components.
- MVP consumed a 3rd party API to provide users access to randomly generated quotes they could then copy or Tweet

The Easy Meal   2020
Discover recipes, construct and email yourself a grocery list
- Built Flask Python backend serving dynamic Jinja HTML templates, and a UI responsively styled with bootstrap and custom CSS
- Secured against CSRF with form validation, and applied bcrypt authentication for user registration and login
- Consumed 3rd party API to access over 380,000 recipes, and cached recipe data with PostgreSQL to reduce API calls.
- Implemented asynchronous search with JavaScript (Axios, jQuery)

Jobly   2020
Mock job-seeking website
- Developed a RESTful API with Node / Express, and a modular UI for this single page React app
- Built and validated forms with Formik and JSONSchema, and managed data with PostgreSQL
- Followed JWT standard for user authentication and authorization

EXPERIENCE

Zephyrx   November 2020 - Current
Technical Engineer, Jr · Remote
- Added accessibility for 20+ new languages resulting in international use of our provider dashboard
- Developed a comprehensive unit test suite for our React front end application
- Carried out various technical ops tasks on managerial request via AWS Api-Gateway
- Reduced customer success team need for technical support by contributing to technical documentation and education
- Ensured build stability by assigning and carrying out manual regression test cases of both browser dashboard and mobile app

Springboard, Software Engineering Career Track   April 2020 - September 2020
Student
- 700+ hours of hands-on course material
- 1:1 industry expert mentor oversight
- Completion of 4 in-depth portfolio projects
- Mastered skills in front-end web development, back-end web development, databases, data structures and algorithms

Jersey Boys   August 2015 - March 2020
Actor · New York, NY
- Acted in over 1,500 performances of this ubiquitous Broadway Show
- Understudied and carried out the duties of 6 different roles, going on as late as mid-show
- Took action to save 7,800 ticket refunds over 4 performances by stepping in for duties outside of job scope

King School   January 2020 - March 2020
Acting Coach · Stamford, CT
- Advised on best practices for pursuing professional careers in the entertainment industry
- Offered young professionals modern methods for approaching new and current material
- Engaged with students of all experience levels one-on-one, producing greater understanding and depth of performance

EDUCATION

Springboard
2020
Software Engineering Career Track Certification

Emerson College
BFA Musical Theatre 2011
Cum Laude. Dean Scholarship Recipient