Alex Rosenkranz

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Experienced full-stack developer, subject matter expert, and educator with a passion for learning and contributing to the field of web development.

TECHNICAL SKILLS

JavaScript, Node.js, React, GraphQL, Apollo, Gatsby, NextJS, Storybook, CSS, Sass, CSS-in-JS, Git, Express, MySQL, MongoDB, Firebase, Mongoose ODM, Sequelize ORM, P5.js, ThreeJS, CI/CD, and Testing

WORK EXPERIENCE & PROJECTS

2U, Inc   June 2019 - Present
Curriculum Engineer - Full Stack Bootcamp and Advanced Front End Programs
- Currently leading the planning, R&D, and execution of six applications for an Advanced Front End course, specializing in NextJS, advanced CSS tools, UX/UI principles, testing, accessibility, and internationalization
- Plan, research and develop large and small applications for students to build through both instructor-led and self-led/asynchronous learning in a bootcamp environment
- Set learning objectives and create curriculum content to develop skills ranging from basic HTML to advanced MERN-stack applications based on stakeholder input and feedback
- Developed and maintain multiple cost-saving applications for content delivery and capturing engagement metrics, using the Jamstack and Gatsby
- Take part in enhancing company culture through mentoring and onboarding new team members, and engaging in DEI initiatives

Trilogy Education (New Brunswick, NJ)   June 2017 - May 2020
Full Stack Web Development Instructor
- Lead a class of 30 students learning web development from basic HTML and CSS to advanced MERN-stack technologies for both the part-time 24 week course and the full-time 12 week course
- Provide meaningful feedback and guidance to students looking to enter the field of web development
- Pilot new initiatives and build content to support students in shifting their careers into a developer role
- 2020 Instructor Excellence Award Nominee with a 90+ Net Promoter Score

Lanterns.tv (New Brunswick, NJ)   2019
Full Stack Developer - Contract

- An interactive art installation for a daylong conference at Rutgers University that utilizes your mobile phone for sending messages to a browser-based view being displayed on a giant marquee using projection mapping
- Built with JavaScript, ThreeJS, Node.js, Express, MongoDB, Mongoose, Socket.io, and React
- Worked with the client where they provided the art direction and I did all of the development
- https://github.com/alexrosenkranz/lanterns
- https://lanterns.tv

Social Galaxy (Boston, MA)   2019
Full Stack Developer - Contract
- An art installation for the lobby of a hotel where guests can interact with what's happening on a display through tagged Twitter and Instagram posts
- Built with JavaScript, ThreeJS, Node.js, Express, MongoDB, Mongoose, Socket.io, and React
- Worked with the client where they provided the art direction and I did all of the development

Gargantuan.FM (Somerset, NJ)   2017
Front End Developer
- A web app that allows users to authenticate, create, and listen to music "channels" with the SoundCloud API while watching background videos provided by the YouTube API
- Built with JavaScript, jQuery, Firebase, SoundCloud API, YouTube API, Audio.js, and Moment.js
- I worked on a team where I took the lead on working with the SoundCloud SDK and designed the UI
- Reviewed 23 pull requests and committed 142 times
- https://github.com/arosenkranz/gargantuanfm
- https://gargantuanfm.herokuapp.com/

Poor Cat Designs (Red Bank, NJ)   2016
WordPress Design & Development
- Online store for a retail jewelry company using WordPress and WooCommerce
- Manage all site content and ensuring that online orders are processed through Authorize.net or PayPal payment gateways
- Design marketing collateral (Postcards, Advertisements, Snapchat Filters, and Business Cards)
- https://poorcatdesigns.com

EDUCATION

Rutgers University - Full Stack Coding Bootcamp   Oct 2016 - May 2017
- Certificate in Web Development
- "A" grade average

Rutgers University - 2009
- B.A. Information Technology & Informatics