

RYAN LUGTU

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Ambitious and goal-oriented engineer with the goal of delivering high-quality digital experiences. Transitioned from 3 years in healthcare to fulfill intrinsic passions surrounding data, coding, and problem solving, to create innovative solutions

TECHNICAL SKILLS

Programming Languages & Databases: JavaScript, HTML5, CSS3, Python3, PostgreSQL, SQL, MongoDB

Frameworks & Libraries: React JS, Next JS, Express JS, Flask, Sequelize, Mongoose, Ruby on Rails, Node JS, Stripe, RESTful APIs, Chakra UI, Material UI, Nivo

Tools: Git/Github, Yarn, NPM, Heroku, Netlify, Vercel, Firebase, Postman, Trello, Visual Studio Code

SOFTWARE ENGINEERING EXPERIENCE

Attributy

May 2021 – Current

Software Developer

- Converting wireframes for various aspects of the platform using Next JS and Chakra UI
- Working with backend and frontend developers to refactor and redesign the platform
- Developing and contributing to a reusable component library to reduce overall development time
- Utilizing Nivo to create data visualization components

General Assembly

March 2021 – Current

Instructional Associate

- Mentoring 25+ students in JS fundamentals, engineering concepts, debugging strategies, and Full Stack development
- Assisting in planning and development of bootcamp curriculum while also supporting the rest of the instructional team
- Overseeing student projects as a technical mentor and project manager

MakeltMVP

February 2021 – Current

Software Engineer Intern

- Converting Figma wireframes using React JS and CSS
- Architecting frontend, backend, and data retrieval mechanisms for web platform with React JS, Mongoose, and MongoDB
- Collaborating in an Agile Software Development team of 5 engineers and a design UX UI team of 4

Freelance, Upwork

October 2020 – Current

Web Developer

- Designed, developed, and deployed client websites using React JS, Next JS, and CSS
 - **InfiniteFutureTennis** – infinitefuturetennis.com
 - Developed first website for local tennis academy resulting in a 30% increase in business inquiries
 - Responsible for end-to-end production using Next JS, CSS, and deployed with Vercel
 - Conducted browser performance tuning, testing, refactoring, and debugging to ensure proper functionality

General Assembly

July 2020 – September 2020

Software Engineer Fellow

- 12-week, 500+ hour program of instructor-led training and personal study focused in JavaScript, Node JS, Express JS, React JS, PostgreSQL, RESTful APIs, Ruby on Rails, HTML5, CSS3, Git/Github
 - **Welp** – welpme.herokuapp.com | github.com/rlugtu/welp | Full-Stack Engineer
 - Full Stack CRUD application that allows users to search, bookmark, and review business services
 - Frontend wireframes designed with Adobe XD and converted into web pages using ReactJS
 - Built backend communication with RESTful API using Ruby on Rails and PostgreSQL
 - **Technologies:** React JS, Ruby on Rails, Material UI, SQL, PostgreSQL

EDUCATION

General Assembly, Remote

July 2020

Full Stack, Software Engineering Immersive Program

Rutgers University, New Brunswick, NJ

August 2019

Bachelor of Science, Kinesiology