

RYAN CROWLEY

FULL-STACK SOFTWARE DEVELOPER

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Profile

I'm a software developer building full-stack applications with JavaScript, AngularJS, Java, and MongoDB in an Agile environment. I started coding in a coffee shop in April 2018, and I instantly fell in love with the puzzle-solving logic and the creativity that coding provides. After roughly 500 days of coding solo, I formalized my education at Nashville Software School. Since graduating, I've worked as a Full-Stack Engineer at TeleTracking, where I've contributed to multiple teams including our highly visible HHS Covid-19 hospital tracking portal and our CS&W Patient Workflow application. I'm excited to be in a career that allows me to help people solve problems, collaborate on solutions, and where I'll always be learning something new!

Personal Projects

Streamline - React

I love movies! There are so many streaming sites to watch movies on, and it can be difficult to keep track of which movies are available on which sites. I built Streamline to solve this problem.

- Single-page web application that allows users to search for movies, add them to custom watchlists, and track where each movie is available to stream or otherwise view
- React.js to render reusable components
- Leverages The Movie Database API to allow users to search for movies
- JSON server for user specific persistent storage, React Bootstrap for styling

github.com/RyanCrowleyCode/Streamline

Application Station - React / Django

The job search process can be intimidating. When I began my own job search, I needed a way to track which jobs I had applied for, when I was interviewing with who, and to practice answering and asking interview questions. Application Station to the rescue!

- Single-page web application that allows users to save job applications, add events for each application, and practice answering and asking interview questions.
- Full-Stack application with React front-end and Django REST API back-end
- SQLite3 database

github.com/RyanCrowleyCode/ApplicationStation

Technical Skills

- JavaScript, React, AngularJS
- Java, Spring, Springboot
- HTML, CSS, Bootstrap
- Python, Django
- Git, Github, Bitbucket
- MongoDB, SQL (SQLite3)

Professional Experience

TELETRACKING

Software Engineer II | March 2021 - Present

- Contributed to our application's codebase by writing new code, debugging existing code, and writing both unit and integration tests
- Completed a balance of tickets for both the Front-End and Back-End
- Explored unknowns of a software application purchased from another company to document the functionality, improve upon methodologies, clean up the codebase, and teach my team how to use the features
- Communicated quickly and clearly with our Product Manager to understand the needs of the client and offer insight in to potential challenges

Software Engineer I | April 2020 - March 2021

- Contributed to our application's codebase by writing new code, debugging existing code, and writing both unit and integration tests
- Completed a balance of tickets for both the Front-End and Back-End
- Quickly learned technologies and languages that I had not previously used to work effectively within a project's tech stack
- Transitioned as needed between a small team of developers with one tech stack and a large team of developers with another tech stack
- Met changing deadlines and requirements on our high-visibility HHS Covid-19 hospital tracking portal

NASHVILLE SOFTWARE SCHOOL

Full-Stack Software Developer | September 2019 - March 2020

Intensive full-time 6 month software development bootcamp focused on the skills and technologies required to work as a full-stack software developer.

- Version control with Git/Github. Project Management with Github Projects and Agile methodology through daily stand-ups, ticket management, and post-sprint retrospectives
- Full-Stack browser-based single-page applications using React, Javascript, HTML, CSS, Bootstrap, Python, Django, and SQL

GROUP PROJECTS

Bangazon E-Commerce Full-Stack Application

- Created a full-stack e-commerce application with a group of 4 others
- Tools used: : Python for models and unit tests, Django ORM to interact with the database, SQLite3 database for persistent storage, React for the front-end user
- Individually responsible for creating the Orders view in Django, writing a custom action for the Products view, creating the database fixtures, writing the automated tests for the Products in Python, and creating reusable components in React to display data to the user

Nutshell

- Created a dashboard social media app with a group that allows users to add tasks, articles, events, message other users, and add friends
- Tools used: CSS and Bootstrap for styling, JavaScript for fetch calls and helper functions, React for reusable components, JSON Server user specific persistent storage.
- Individually responsible for the events section, which implemented CRUD functionality for users to create, edit, and delete events and display their events on the DOM chronologically

Professional Experience (continued...)

GEODIS

Global 3PL Logistics Company

SR Transportation Planner | July 2017 - September 2019

- Initiated and implemented proposals for process improvements, collaborating with multiple departments, and resulting in 8 hours of saved labor per week
- Planned the freight transportation for a high-volume customer
- Assisted customer on-boarding, established planning processes, and wrote process SOPs
- Trained a team of 3 planners to carry out day-to-day planning duties
- Extensive travel and time spent directly with the customer
- Promoted from Transportation Planner to SR Transportation Planner after 1y 10m

Freight Pay Analyst | November 2016 - July 2017

- Audited invoices from carriers on behalf of our customers to ensure accurate billing for transportation costs
- Recognized patterns and opportunities for process improvements
- Initiated cross-department cooperation to keep accounts in a maintainable current state

SR Transportation Coordinator | March 2015 - November 2016

- Reported on tracking and tracing of freight for customers
- Acted as a resource for coordinators within the department
- Took the lead on planning duties for a small-volume account
- Helped outline and implement an optional 4-day/10-hour work schedule for the department with the help of 3 other teammates
- Participated in customer calls and improved on-time performance for customers
- Promoted from Transportation Coordinator to SR Transportation Coordinator after 8m

Education

NASHVILLE SOFTWARE SCHOOL

Full-Time, Full-Stack Software Development Bootcamp | March 2020

MIDDLE TENNESSEE STATE UNIVERSITY

B.S., Music Business | 2010