Nick Carver

FULL STACK SOFTWARE DEVELOPER

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MY DEVELOPER PATHWAY

I grew up in lower middle class rural Kentucky. I gained several years of experience and education in mechanical engineering. Through factory robotics and PLCs I discovered the appeal of software. The cycle time from concept to implementation in software is much faster, requires less resources, and limits sourcing of materials that mechanical systems always demand. I was hooked on the gratification that software provides. Since graduating from Nashville Software School, I have gained six months of experience at National General Insurance. From there, I have learned how to write performant code from senior developers and learned a new technology stack. I am excited to continue building new skills and hope to be a mentor to those that are getting started in this industry.

TECHNICAL EXPERIENCE

NATIONAL GENERAL INSURANCE SOFTWARE DEVELOPER I - FORMS | August 2021-Present

- Implemented a new insurance product from beginning to launch in five months using C#/.NET and Microsoft's SQL Server.
- Worked in the engine that generated the correct forms for a policy and dynamically populated policyholder information
- Used Azure Dev Ops to create and provide feedback on pull requests, measure sprint progress, and manage Features and Tasks.
- Collaborated across a 17 person development team and the business analysts to overcome obstacles and define clear requirements.
- Wrote readable, performant code and tests to minimize inefficiencies, errors, and bugs at product launch.
- Used Timeular to track the time spent on a task. This enabled focus on the scope of the feature and increased productivity.

NASHVILLE SOFTWARE SCHOOL FULL STACK WEB DEVELOPMENT BOOTCAMP | Jan-June 2021

- Developed dynamic single-page applications using React on a foundation of modern ES6+ JavaScript.
- Developed APIs using the Django framework alongside SQLite
- Learned fundamentals such as HTML, CSS, JSON data structures, reusable components, Entity Relationship Diagrams, and wire-framing.
- Exposed to an Agile environment through frequent group projects that included project board planning, code reviews, and user stories.
- Used Github to handle pull requests, measure sprint progress, and create user stories.

Group Projects

RARE
Post - Comment - Follow | Full Stack | React & Django

- A single page application which allows users to post about topics to a public board where other users can comment and react to those posts. Users can also subscribe to each other.
- Individually responsible for getting users registered and logged in, completing the user profile screen, assigning permissions to specific accounts, and handling promotion/demotion of user permissions.
- The three person team performed a five-day sprint, completing 47 of the 50 issue tickets created by the user stories.

Education

NASHVILLE SOFTWARE SCHOOL
Full Stack Web Development Bootcamp | June 2021

WESTERN KENTUCKY UNIVERSITY
BS In Mechanical Engineering | Minor In Systems Engineering | May 2017

Individual Projects

SERVE STILL MORE
Call center management for the local church | Front-End | React
A single page web application which allows people of the church to stay better connected when they cannot meet in person. The app has two dashboards, depending on the type of logged in user. Managers oversee the callers. Callers have access to all the church memebers' contact information. Managers are allowed full CRUD on members, can share notes with their calling staff, and can sort members into groups. The callers can view all the members in their group, the notes from the manager for their group, and a specific list of members to call. The callers can create notes about member-specific conversations. These notes are there for reference in future calls.

- Used React hooks to manage state
- Implemented Cloudinary as an image hosting service
- Hosted the npm package "json-server" on Heroku as an API

🔗 github.com/nch66862/serve-still-more

PRIORITY
Track Your Goal | Full-Stack | built with React & Django
A single page web application which guides users to input what is most important to them, motivates them to spend time on their priority, and tracks their progress. Users can see statistics about the time they spent on their priority each day and a pie chart which shows how they spent time on their priority. Users can choose to share their priority with the community. If a user is a part of the community, they can see and write affirmations to other users to encourage them to stay motivated.

- Graphical statistics created using Chart.js
- CSS styling predominantly with Reactstrap/Bootstrap

🔗 github.com/nch66862/priority-client