Nathan R. Hall

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EXPERIENCE

Front End Developer
CGI

December 2020 – Present
Pittsburgh, PA

- Utilized angular technology to develop the user interface on a new production website that over 500 customers will use.
- Led implementation on the following features for the website: Administration Center, Message Center, Message Wizard, Print Templates, Routing Permissions.
- Cleared over 20 high priority defects from the websites' wizards, utilizing multi-step reactive forms with input validation.
- Integrated live dynamic data throughout the website by collaborating with back-end java developers to send and receive APIs
- Assisted the CGI team in raising the client satisfaction score from 8.7/10 to 9.5/10 by interpreting and executing on their highest priority items.
- Received praise from the client stating that our team of 4 is "the highest performing team the company has ever had."

Junior Full Stack Developer
CGI

September 2020 – December 2020
Pittsburgh, PA

- Cooperated with a team of 6 new hire developers to create a full stack web application that would assist with internal CGI tasks.
- Gained crucial knowledge on how a full-stack enterprise website is created by developing in angular, java spring boot, and SQL.
- Took charge of leading daily stand-up and worked on the side as the scrum master.

EDUCATION

University Of Pittsburgh
Bachelor of Science in Computer Science

Pittsburgh, PA
August 2020

PROJECTS

Extending a Microservice Architecture | *Python, Docker, PostgreSQL, Agile*   January 2020 – May 2020
- Researched and inherited a docker environment that implemented a microservice architecture
- Optimized the inherited code by implementing a database-per-microservice pattern using PostgreSQL
- Ran tests on the RESTful API by creating PyUnit test cases for each method
- Presented a 20 minute overview of the final project to senior developers and executives at NetApp

Cheap Eats Android Application | *Java, XML, Android, Firebase, Agile*   June 2019 – August 2019
- Implemented the following back-end functions: Account creation, account verification, user login, user preferences, password reset, post filtering, and post searching
- Designed the following front-end views: Query, user login, user registration, user settings
- Developed in 4 sprint phases with a kanban board, and GitHub version control
- In charge of leading team meetings twice a week and keeping track of individuals' stories and points

TECHNICAL SKILLS

Languages: Typescript, JavaScript, Java, Python, CSS, HTML, SQL
Frameworks: Angular, React, Node.js, Android, Spring Boot, Flask
Developer Tools: Git, Svn, Docker, Jenkins, Webstorm, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse