Davonte Bertrand-Murrell

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TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, PHP, HTML, CSS, C#
Frameworks and Libraries: Spring, Django, React, Node.js, Express, Bootstrap, WordPress, JUnit, Pytest, Jest
Databases & Tools: SQL (PostgreSQL, MySQL), NoSQL (MongoDB), AWS, Maven, Git, Github, Docker

EDUCATION

B.A. in Computer Science and Philosophy   **Sept. 2018 - May 2022**
Trent University | Peterborough, ON
Awards: Dean's List
Coursework: Software Design & Modelling, Data Structures & Algorithms, Systems Analysis & Design, Artificial Intelligence, Object-Oriented Programming (OOP), Database Management Systems

EXPERIENCE

Web Developer   **Mar. 2022 - Present**
Tires To Go Auto Clinic
- Develop and maintain company website using WordPress, PHP, Javascript and CSS
- Create and maintain kiosk software with Node.js, React and Bootstrap for in-person customers, leading to a 23 % increase in customer appointment bookings
- Effectively communicate and collaborate with team and users to meet project expectations and deadlines
- Debug, troubleshoot and resolve issues to ensure high-quality applications

PROJECTS

DevFlow | devflow.pages.dev   **Feb. 2024**
- Built, unit tested and deployed a Full-Stack application made with Javascript/ReactJS and Bootstrap on the front-end that consumes a Java/Spring Boot REST API using PostgreSQL, that manages the SDLC flow for developers
- Followed Object-Oriented Design and deployed using Docker

QuestQueAPI | questque.onrender.com   **Nov. 2023**
- Designed, documented and deployed a REST API with JavaScript, Node.js, Express and a MongoDB database on AWS that allows users to CRUD items that contain a question and its answer
- Implemented an authentication system using JWT

Fatal-Accident Predictor | github.com/DavonteBM/Fatal-Accident-Predictor   **Apr. 2023**
- Created a decision tree classifier model in Python using the Scikit-Learn library that predicts whether a car accident would be fatal or non-fatal by using Toronto Police's KSI data which resulted with an accuracy of 88%
- Used the pandas library to preprocess and clean nearly 20000 records

LEADERSHIP EXPERIENCE

Organizational Review and Development Committee | Trent University   **Apr. 2020 - May 2022**
- Reviewed and developed school by-laws, policies and procedures

Trent African, Black, Caribbean (ABC) Student Club | Trent University   **Sept. 2018 - May 2022**
- Led discussion, expression, support and advocacy for black students