Parth Patel

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Summary

As a third-year Computer Science student, I have knowledge of concepts such as Object-Oriented Programming Principles, Relational and Non-relational Databases, Big-O Notation, Data Structures and Algorithms, Software Development LifeCycle Methodologies such as Agile and Waterfall technologies and well-versed in core programming languages, frameworks and libraries mentioned below.

Education

Ryerson University   *Toronto, ON*

B.Sc. in Computer Science - Dean's List (2019-2020)   *September 2018 - Present*

> Coursework: Data Structures and Algorithms, Discrete Mathematics, Web Development Systems, Linear Algebra, Calculus I, Computer Architecture, Software Engineering, Operating Systems, Database Systems, Artificial Intelligence, Computer Security and Networks

Confederation College   *Thunder Bay, ON*

Aerospace Manufacturing Technologist   *September 2013 - June 2015*

> Coursework: CNC Programming, Metallurgy, Chemistry, Physics for Engineering, Tool Design, Composite Materials, Fluid Mechanics, Project Management

Skills

Programming	Python, Java, JavaScript/(ES6), Bash scripting, C/C++
Web	HTML, CSS, React.js, Node.js, Express.js, RESTful architechure, Wordpress, Shopify
Tools	Git, GitHub, Atom, Visual Studio, MySQL, Google Firebase

Experience

OHS Global   *Toronto, ON*

Software Developer Intern   *July 2020 - Jan 2021*

- Translated design team's UI wireframes and mockups to Single Page Applications with responsive and interactive features using React
- Developed re-usable components and implemented consumption of REST API using Axios
- Improved web-page load times by optimizing the images with techniques such as lossless compression, etc.
- Performed bug fixes, code reviews and wrote well-documented, maintainable and readable code.
- Recommended solutions for a streamlined and user-friendly interface to the design team

Projects

Photo & Video Search App   *View Project*

Tools: React / React-Bootstrap / Axios / Pexels-Api

> Developed a single-page application using React with dependencies like Axios and Bootstrap for react. With this app a user can search for desired pictures and videos. This app uses a free API by Pexels.

Movies & TV Shows   *View Project*

Tools: HTML / CSS / JavaScript / Node.JS

> Developed a web application that uses Node.JS and makes REST API calls dynamically and consumes them as well. A user can search for a desired movie/tv show and it returns top 10 movies/tv shows related to the search. This app uses a free OMDB API

Awards

Microsoft X Agorize Discover AI Challenge – EasyRead   *View Certificate*

Finalists (4th Position) - Marketing Research Lead

> Our team developed an android application with the help of Microsoft AI for improved readability of any given block of text by providing customizable spacing between words and adjustable colour scheme for text and background for individuals with difficulty in reading due to health conditions.