NISHCHAL BHARDWAJ

https://github.com/NishchalPersonal

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Cell: 647-783-2614

OBJECTIVE

Looking for an internship/research opportunity that will allow me to utilize my problem-solving, analytical thinking skills in the field of Web Development.

TECHNICAL SKILLS

JAVA	**JAVASCRIPT**	**REACT**
SPRING BOOT FRAMEWORK	**J QUERY**	**MONGO DB**
CSS	**DATA STRUCTURES (JAVA)**	**UML**
NODE JS	**HTML**	**PYTHON**
NUMPY/PANDAS	**SQL**	**C / C++**
MS OFFICE	**VISIO**	

EDUCATION and CERTIFICATIONS

Bachelor of Computer Science (Comprehensive)   **Sep 2018 – 2022**

Ontario Tech University, Oshawa, ON

Relevant courses	Description
Web application development	Topics included were client-side design, server side we applications, accessing/ updating database using APIs.
Data Structures / Design of Algorithms	Included analysis of algorithms and data structures in an object-oriented programming language. Also included techniques for designing efficient computer algorithms and analyzing their complexity.

- ❖ President's Honour List for academic excellence
- ❖ Dean's Honour List for academic excellence

HIGHLIGHTS of TECHNICAL SKILLS

- ❖ Worked with **Spring boot framework** at previous job position. This framework was also used during one of my personal projects for crud operations and creating basic stand alone spring applications.
- ❖ Experience of working with **JavaScript**, **NodeJS**, **Express**, **HTML** and CSS at previous job position and school projects.
- ❖ Gained knowledge of principles of frameworks like **Scrum, Agile, Kanban** which was gained during the Software Quality assurance course
- ❖ **Data mining/analysis** using numerical python libraries like **Numpy** and **Pandas**

❖ Used database management tool **pgAdmin** for data querying using **SQL** for schoolwork. SQL queries were performed to query data from a movie data base for a school assignment.
❖ **Toad Data Modeler** for UML and SQL generation for school assignments
❖ Used **Mongo DB** for a school project that required displaying the poster of a movie depending on the date and time. The data was accessed using API calls.
❖ Experience with Programmatic **Data Analytics** in Python, working with **Series** and **Data Frame** Operations.
❖ Knowledge of Security Operations, **Information Security**. Interested in current cyber security threats and security technologies. Interested and willing to learn more about **Cyber Threat Intelligence** and usage of various software that detect malicious behaviour
❖ Experienced working in UNIX environment such as managing processes, files in file system using the **command line SHELL.**
❖ Proficient **communication/ marketing skills** which were exhibited at a previous jobs

PROJECT EXPERIENCE

❖ **RTR Usage tool (previous work related)**
  • Worked at automation development of the RTR usage tool using the **Spring boot application.**
  • Usage of **JavaScript, jQuery, HTML, CSS** for user interface development.

❖ **Personal projects**
  • Blackjack game was created as a school group project using JavaScript, HTML, JQuery, CSS
  • Node JS, Vue JS were used for the backend.
  • SQLite was used to incorporate the database component of the project.
  • External libraries for example GSAP were used to implement animations.

WORK EXPERIENCE

May 2020 – September 2020

❖ Worked as a **UI (user interface) developer** at Zenith System Solutions.
  • Required the knowledge of Spring boot application, APIs
  • Required to implement user interface enhancements on web pages using JavaScript, Jquery, HTML, CSS
  • Strong communicative skills were used to elucidate everyday progress on assigned projects
  • Used SQL for managing data

May 2019 – September 2019

❖ Worked as a **Sales Associate and Cashier** at the American retail company, Lowe's Home Improvement
  • Strong communicative and marketing skills were used to interact with customers.

  • Analytical and quick mental math skills to manage cash.

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- Problem solving skills to serve customers as per their needs.

SOFT SKILLS

GOAL ORIENTED
ANALYTICAL SKILLS
ORGANIZATIONAL SKILLS

WILLINGNESS TO LEARN
PROBLEM SOLVING
ATTENTION TO DETAIL

COMMUNICATION SKILLS
INNOVATIVE IDEAS
TEAMWORK

- ❖ Able to communicate professionally.
- ❖ Proficient in languages like English, Hindi, and Punjabi.

EXTRA CURRICULAR ACTIVITIES

- ❖ Like to edit videos for fun.

VOLUNTEER EXPERIENCE

- ❖ Assisted in backstage volunteering activities for Fort McMurray Fund Raising, Toronto.
- ❖ Worked as a coordinator of teams at SHAIMAK dance academy, Toronto.