Hasib Yosufi

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Dedicated and detail-oriented Computer Science graduate seeking a Data Analyst position to leverage strong data analysis and programming skills. Aiming to contribute to data-driven decision-making and risk management

EDUCATION

Computer Engineering Technology Advanced Diploma

April 2024

Algonquin College

Ottawa, ON

Programming Language:
- JavaScript CSS/HTML
- Java
- C#
- SQL
- Python (basics)

Frameworks:

- ASP .NET Core
- Jakarta EE
- React

UI Tools:
- Figma

Additional Skills:
- REST APIs
- GIT
- Unit Testing (Junit, Mocha)
- Automation (Selenium, Jenkins)

ACADEMIC PROJECTS

Back-End (React JS)

- **Car Sale Web Application**
  Technologies Used: Asp .net core, REST, Selenium, SQL Server
  Developed web application for selling cars, featuring:
    - **RESTful API** for CRUD operations to manage car listing and customer interactions.
    - **Entity Framework** for managing data models and seamless integration with **SQL Server database.**
    - **Automated testing** with **Selenium** to ensure the functionality of the web interface and interactions.

- **Web Page Application with Authentication and Authorization**
  Technologies Used: Jakarta EE 8, JSF, EJB, JPA, JDBC
  Developed a web application with JSF (JavaServer Faces) that includes:
    - **User authentication** and **authorization** to manage access to specific functionalities based on user roles using **Java EE 8 security**.
    - Used **JSF pages** for dynamic, component-based web interfaces with smooth navigation and user interaction.
    - Leveraged **EJB** (Enterprise JavaBeans) for business logic and **JPA** (Java Persistence API) to interact with the database.
    - Implemented **role-based access control (RBAC)** to provide different functionalities (e.g., admin, regular user) based on user groups.

- **Picross Game**
  Technology Used: Java, Swing
  Developed a Picross (nonogram) puzzle game with the following features:
    - Created an interactive **graphical user interface (GUI)** using **Java Swing**, allowing users to solve puzzles with ease.
    - Implemented game logic for validating player inputs and ensuring puzzle correctness.
    - Incorporated **timer** and **score tracking** to enhance gameplay experience.
    - Designed dynamic grids based on puzzle size, allowing for scalable puzzle challenges.

- **Database Design Customer-Shipment**
  Technology Used: **SQL**
  Designed a relational database for Customer-Shipment, implementing efficient storage, retrieval, and management of customer information and shipment records.

Front-End (React JS)

- **Calculator (React, NodeJS)**
  Developed a responsive calculator using React.js for the front-end and Node.js for the back-end, ensuring seamless functionality, interactive design, and efficient logic processing. Designed with scalability and maintainability in mind.

- **Avator Downloader (React, NodeJS)**
  Created an interactive application using React that fetches and displays various avatar types, including smiley faces, robots, and ninjas, through HTTP requests. Integrated features to generate alternate versions of avatars, and added a download option for users to save their selected avatars. Designed for a smooth user experience with responsive and dynamic functionality.

- **Avator Downloader (React, NodeJS)**
  Developed a feature-rich movie application using React to fetch and display movie details via API integration. Designed a responsive interface for seamless browsing across devices, providing users with detailed movie information, trailers, and ratings.

BI AND DATA ANALYIST

- **Breast Cancer Prediction (Excel, Weka)**
  Developed a machine learning model using the CRISP-DM methodology to predict cancerous (malignant) and non-cancerous (benign) tumors, achieving up to 95% accuracy.

- **Titanic Survival Rate (Excel, RapidMiner)**
  Developed a Decision Tree model to predict the survival rate of RMS Titanic passengers, achieving up to 81% accuracy. Analyzed different passenger classes and key survival factors. Employed proximity-based outlier detection to identify outliers in the dataset.

- **Housing Prices (Excel, RapidMiner)**
  Developed a predictive model to estimate house prices based on various features and coefficients.

- **Ottawa Bike Theft (Excel, RapidMiner, R)**
  Designed and implemented a machine learning model to identify critical factors influencing the status of bikes in Ottawa, predicting whether they were stolen, retrieved, or lost. Acquired and processed the dataset from the City of Ottawa.

- **Ottawa Bike Theft (Excel, RapidMiner, R)**
  Designed a relational database for Customer-Shipment, implementing efficient storage, retrieval, and management of customer information and shipment records.

WORK EXPERIENCE

Tim Hortons Back Kitchen
Aug 2019 – Oct 2019
- Baked donuts, eggs, and sausages to maintain inventory and meet customer demand.
- Stocked the front row to ensure product availability and presentation.
- Adhered to Workplace Hazardous Materials Information System (WHMIS) standards.
- Maintained a positive attitude and contributed to a team-oriented environment.

MacDonald Back Kitchen
Jan 2020 – Apr 2020
- Prepared sandwiches to meet customer orders and ensure quality.
- Stocked and cleaned the kitchen to maintain a hygienic and efficient workspace.
- Utilized active listening skills to understand and fulfill customer requests.
- Built customer loyalty through exceptional service and friendly interactions.
- Enhanced customer experience by providing personalized and attentive service.

Loblaws Grocery
April 2022, June 2023
- Stocked dairy coolers to ensure product availability and organization.
- Conducted temperature checks on dairy items to ensure compliance with safety regulations.
- Cleaned dairy coolers to maintain hygiene and operational efficiency.

Professional Strengths & Soft Skills

- **Fast Learner**: Quickly adapts to new technologies, frameworks, and methodologies to stay ahead in the ever-evolving tech landscape.

- **Problem Solver**: Excels at analyzing complex problems, breaking them into manageable components, and implementing effective solutions.

- **Detail-Oriented**: Ensures precision in coding, testing, and debugging to deliver high-quality, reliable software.

- **Strong Communicator**: Communicates technical concepts clearly and collaborates effectively with cross-functional teams.

- **Determined & Resilient**: Thrives in challenging situations, maintaining focus and perseverance to meet project goals.

- **Team Player**: Works collaboratively in team environments while also being capable of independent problem-solving.

- **Critical Thinker**: Evaluates various approaches to optimize application performance and design.

- **Time Management**: Prioritizes tasks efficiently to meet tight deadlines without compromising quality.

- **Innovative Mindset**: Always seeking creative ways to enhance user experiences and optimize workflows.

REFERENCES

Dr.Anu Thomas PhD,
Professor
Algonquin College
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https://www.linkedin.com/in/smithapeniel