Diya Valand

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Summary of Qualifications

- Experienced in software development with expertise in **Python**, **Java**, and **C**.
- Proficient in database management using **Oracle**, **MySQL**, and **SQL Server**.
- Skilled in front-end technologies including **HTML**, **CSS**, **JavaScript**, and **React.js**.
- Strong background in **security practices** with experience in **SQL injection prevention**.
- Demonstrated ability to deliver results in fast-paced environments and contribute to team success.

Education

Diploma in Computer Programming
Algonquin College, Ottawa, ON
Graduated: **August 2024**

Technical Skills

Programming Languages: Python, Java, C, HTML, CSS, JavaScript, PHP, React.js
Databases: Oracle 19c, MySQL, SQL Server, MongoDB
Tools: GitHub, Visual Studio Code, Git, Power BI, Eclipse

Operating Systems: Linux, Windows
Methodologies: Agile Development, Debugging, Troubleshooting, Testing

Experience

McDonald's, Ottawa, ON

Crew Member   January 2024 - Present

- Streamlined operations, reducing team workload by 40%.
- Delivered high-quality customer service, enhancing customer satisfaction.

Loblaw, Ottawa, ON

Cashier   August 2023 - Present

- Processed transactions efficiently, ensuring accuracy and customer satisfaction.
- Maintained a clean and organized checkout area.

Loblaw, Ottawa, ON

Night Crew   June 2023 - August 2023

- Streamlined task management, achieving a 20% workload reduction.
- Enhanced inventory software, reducing stock discrepancies by 15%.

Projects

Personal Portfolio

React.js, JavaScript, CSS

- Developed a personal portfolio website using **React.js** to showcase skills, projects, and professional experience.
- Implemented **responsive design** techniques to ensure compatibility across devices.

- Enhanced user experience with **JavaScript** for dynamic content and interactions.

- Applied **CSS** for a professional and visually appealing layout.

- Utilized **GitHub** for version control and collaboration.

SQL Injection Prevention

SQL, Security Testing

- Implemented **SQL query parameterization** and **prepared statements** to enhance security.

- Conducted thorough **security testing** to validate and improve database integrity.

Rental Property Management System Database

Access, Oracle, SQL Queries

- Collaborated on the development of a **Rental Property Management System** using **Oracle** and **Access**.

- Executed **SQL queries** for **CRUD operations** and ensured effective data management.

- Enhanced **communication** and **property management** functionalities.

Certifications

- Python Certification
- C Language Certification

Leadership

- **Class Representative**, Level 4 Computer Programming, Algonquin College – Led communication between students and faculty to improve class coordination.