

## Education

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**Bachelor of Science: Computer Science**, York University, North York  
2020 - Present

## Skills

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- **Programming & Web Development:** Python, Java, JavaScript, SQL, HTML, CSS, Fortran, C, RESTful Web API Development, React.js, Node.js, Express.js, p5.js, Curl, Postman
- **Data Analysis & Database Management:** MySQL, MongoDB, PostgreSQL, Neo4J, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Jupyter Notebook, MS Excel, Power BI
- **Development Tools & Deployment:** Git, GitHub, Scrum, Agile Methodologies, Jest, pytest, Jira, Docker, CI/CD pipelines

## Projects

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### **BidWise Full Stack Web Application (React, Java, Spring Boot, Maven, Docker, Git)**

- Developed a web application employing Spring Boot for server-side operations and React for crafting a dynamic user interface, while utilizing Maven for effective project management.
- Designed a comprehensive product catalog with a bidding feature for auctions and an integrated payment system for post-bid transactions, enhancing user engagement.
- Established a robust user authentication system and seamlessly integrated Stripe API for secure and efficient payment transactions.
- Successfully containerized both frontend and backend components using Docker and executed deployment on a cloud-based hosting environment, enhancing scalability and accessibility.

### **API Backend Development with Microservices (Spotify Clone - Spring Boot, MongoDB, Neo4j, Postman, Curl)**

- Developed a Java backend API using two microservices, integrating MongoDB and Neo4j databases.
- Implemented the project using Java Spring framework, focusing on creating efficient, scalable services.
- The project involved developing REST API endpoints to handle specific use-cases, emphasizing NoSQL and Graph DB utilization.
- Achieved practical experience in software architecture, particularly in server/client models, and enhanced skills in Maven for build automation.

### **Recommend Uber Driver's Lifetime Value (Python- Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, PowerBI)**

- Analyzed Uber driver data to recommend a Driver's Lifetime Value (DLV) using Python and its libraries.
- Determined factors influencing DLV, average driver tenure, driver segments and other important KPIs.
- Provided actionable recommendations for business improvement and used clustering for dynamic pricing.
- Utilized Power Query Editor and DAX in PowerBI for data transformation and creating relevant measures and developed an interactive and insightful dashboard which helped stakeholders make data driven decisions.

## Work Experience

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**Volunteer**, YFS Redpack, North York  
Sep 2022 - Present

- Utilized robust communication skills to raise awareness of events that led to increased attendance by 25%.
- Provided IT support by setting up and maintaining computers and other necessary technology.

**Supervisor**, Tim Hortons, North York  
Mar 2022 - Present

- Exhibited exemplary leadership abilities to guide team members.
- Deployed problem-solving tactics to streamline processes, increasing productivity by 30% and reducing customer complaint rate by 40%. Additionally, addressed any operational issues arising during the shift.
- Actively involved in training new staff members, imparting essential skills and company protocols, ensuring a smooth integration into the workforce.
- Spearheaded the inventory management process by analyzing sales trends over recent months, resulting in a more efficient inventory strategy that reduced waste by 5%, demonstrating a keen eye for detail and resource optimization.
- Consistently maintained strong interpersonal skills and effective stakeholder management, fostering positive relationships and efficient communication channels between team members, management, and customers.