

JAEDON VISVA

+1 437-983-1648  jaedon.visva2006@gmail.com  <https://github.com/jaedonvisva>  www.linkedin.com/in/jaedonvisva/

TECHNICAL SKILLS

- **Programming Languages & Tools:** Python, JavaScript, HTML, CSS, Node.js, React, SQL, Django, ORM, Bootstrap, GitHub, Power BI
- **DevOps & Cloud:** Docker Container, Kubernetes, Microservices and Serverless computing

PROJECTS

IBM Full Stack Software Developer Professional Certificate | September 2023

- Courses focused on Application Development and Cloud technologies using **Continuous Integration / Continuous Development**
- Machine Learning Translation Application: Built using **Flask** and **RESTful APIs**, enhancing real-time translation capabilities
- Budget Allocation Application: Developed using **React** to set goals and track spending
- Bookstore Database: Developed a database using **SQL** to store data categorized for specific parameters
- Car Dealership Review Platform: Developed a user-friendly interface for a car dealership using **Javascript** and created a **Django**-based website with user authentication and reviews, with **Object-Relational Mapping**

Global Engineering Challenge | *University of Toronto* | September 2020 - June 2021

- Developed a mobile journaling application designed to help youth struggling with mental health (Best Problem Identification Award)
- Participated in Engineering workshops: prototype product design, ethics and privacy, entrepreneurship, cryptology

TKS Innovate | *The Knowledge Society* | September 2021 - June 2022

- Engaged in Hackathons and STEM Challenges | Pitched a comprehensive multi-faceted solution and implementation plan to Walmart Blue Labs (innovation hub) incorporating Tap and Pay technology, personalized shopping recommendations, and an in-app rewards program which streamlined operations and reduced customer wait times, while increasing sales by 14% and customer loyalty by 33%

EXPERIENCE

Software Developer & Technical Support | *Ammu IT Consulting Toronto, ON* | June – August 2024

- Developed SQL queries and designed APIs to facilitate seamless integration between Gong and CRM systems and enhance data flow
- Customized SAP Crystal Reports to meet specific customer requirements

Software Developer (Volunteer) | *Scarborough Health Network, Toronto, ON* | January 2023 – June 2024

- Collaborated with software developers and healthcare professionals to develop a Wayfinding website using **HTML, CSS, JavaScript**

Robotics Instructor (Volunteer) | *Holland Bloorview Kids Rehabilitation Hospital, Toronto, ON* | January – May 2024

- Taught STEAM concepts and problem-solving skills to youth with disabilities utilizing LEGO Robotics and block-based programming

Technology Volunteer | *Electronics Recycling Association (ERA), Toronto, ON* | June – August 2023

- Utilized problem-solving skills to diagnose and repair electronic systems | Led a tech drive that collected \$6K of equipment for the ERA

Summer Camp Counsellor | *The STEAM Project Inc. Richmond Hill, ON* | June - August 2023

- Led outdoor sports activities, participated in leadership sessions, effectively communicated with peers, leadership team and parents

Engineering Projects Estimator (Co-op Student) | *Ellis Don Construction Ltd., Mississauga, ON* | March - June 2023

- Conducted quantity surveys using **Bluebeam** software to estimate project costs for intersection control systems and subway tunnelling

Python Instructor | *Self-employed, Toronto, ON* | January 2020 – December 2022

Executive Web Developer (Volunteer) | *Youth Professionals, Toronto, ON* | December 2020 – June 2021

- Led a team to develop a website for BIPOC and LGBTQ+ youth using **HTML** and **CSS**

ACHIEVEMENTS

- Top 10% in OAPT Physics Competition (2023) | 3 Bronze medals - Swim TDSSAA Regionals (2022) | ACT Score - 98th percentile (2023)

EDUCATION

University of Waterloo | *Honours, Management Engineering (Co-op) (1st year)* | *UW Formula Electric Team* | September 2024 – Present

- *Software development, Project management, Supply chain processes*

Northview Heights Secondary School | *Honours Mathematics Science & Technology* | Vice President, South Asian Student Council | Varsity Swim & Alpine Ski Teams | Collaborated with *Women in STEM* to implement Northview's own Hackathon *Ideathon*