

A collaborative software engineering student, specializing in artificial intelligence, with proven communication skills and analytical abilities. Knowledgeable in object-oriented programming, QA & testing and interface design.

SUMMARY OF QUALIFICATIONS

- Experience with software development, web design and business analysis gained through internships
- Applied knowledge of Agile/Scrum methodology, with experience in troubleshooting and testing
- Skilled in the development of applications using creative and user-centered designs
- Proven to be a fast learner with strong problem-solving abilities exhibited through work and academics
- Foundational knowledge of AI concepts, including machine learning, NLP and search algorithms
- Multilingual: Fluent in English, Hindi, and Punjabi

TECHNICAL COMPETENCIES

Programming:	Java, Python, SQL, C#, HTML, CSS, JavaScript
Operating Systems:	Window, Linux, Unix
Frameworks:	.NET, React, Express.js, MongoDB, Node JS
Tools:	GitHub, Jira, Trello, Visual Studio Code, Visio, Bugzilla, MS Office Suite, Power BI
Training:	Full Stack Developer course through Coursera (2023),
Certifications:	Azure Data Fundamentals Certified by Microsoft - DP900 (2024), Google Cloud Essentials Badge by Google (2023), Introduction to Career Skills in Data Analytics through LinkedIn (2024)

EDUCATION

Software Engineering Technology - Artificial Intelligence Advanced Diploma	Sept. 2022 - Present
Centennial College, Toronto, ON	GPA of 4.18/4.5 (A)

Core Skills:

C# Programming	Software Testing & QA	Client-Side Web Development
Networking for Developers	Web Interface Design	Java Programming
Supervised Learning	Unix/Linux OS	Mobile App Development
Advanced Database Concepts (SQL)	Web App Development	Data Structures & Algorithms

RELEVANT EXPERIENCE

Data Analyst Intern (Co-op) Scriptics Tech. Toronto, ON	May 2024 - Present
--	--------------------

- Collecting, cleaning and organizing large datasets for analysis
- Performing exploratory data analysis to identify trends and patterns
- Assisting in the development and implementation of data models and algorithms
- Generating reports and visualizations to communicate findings to stakeholders
- Collaborating with cross-functional teams to gather requirements and address business needs
- Contributing to ongoing projects and initiatives within the data analytics department

Software Developer Intern GAO Tek Toronto, ON	Feb. 2023 - May 2023
--	----------------------

- Test functionalities, identifying bugs or issues, and debugging to ensure software quality and stability
- Strived for continuous learning that includes attending training sessions, workshops, and conferences, as well as actively seeking opportunities to expand industry-related knowledge and skills.
- Participate in team meetings, code reviews, and brainstorming sessions to contribute ideas, share progress updates, and receive feedback from senior team members.
- Conduct research to find solutions to technical challenges, exploring new technologies, and recommending improvements or optimizations.
- Conduct business market research to identify potential markets, analyze industry trends, and gather insights.
- Identify and qualify potential leads and prospects through various channels such as online research, networking events, trade shows, and social media, assessing the suitability of leads for further engagement.

Web Design Intern | Global Kaksha | Punjab, India

Jan. 2022 - June.2022

- Created over 50 pages by programming code in HTML, CSS, JavaScript, and other languages.
- Tested, debugged, and reviewed the website design for responsiveness, clarity, and effectiveness.
- Maintained and updated website functionalities in collaboration with the web development teams.

ACADEMIC PROJECTS

Protect Track and Collect (PTC APP) | WHIMTECH HACKATHON |THIRD PRIZE WINNER

- Led a project in a hackathon focused on enhancing safety for public transit operators and riders.
- Developed an operator interface featuring SOS and reporting buttons for emergencies, including medical and law enforcement assistance.
- Implemented a reporting button to capture live feed and send reports to law enforcement for security measures.
- Created a chatbot using cv2 for frequently asked questions, enhancing user interaction and support capabilities.
- Designed lost and found functionality to provide precise bus location, improving efficiency in managing lost items.

Weather Application – React JS

- Designed and developed a weather application with login and sign-up functionality.
- Implemented user authentication features to ensure secure access to personalized weather forecasts and settings.
- Utilized React components to create dynamic and responsive user interfaces, providing real-time weather updates and forecasts.
- Deployed at [GitHub](#) and [Render](#)

Software Requirements Specification

- Collaborated for the planning SRS document for a mobile app that matches pet owners with sitters.
- Created flow charts, use case, UML and domain class diagrams using MS Visio
- Use Agile methodology within a team and Jira for project tracking and building checklists.

Health Diagnostic Tool (Software System Design Document): Led the collaborative development of a Software System Design document aimed at tackling healthcare challenges in Canada, such as limited access, extended wait times, and nosocomophobia. Spearheaded the creation of a Health Diagnostic Tool (HDT), facilitating health issue identification, appointment scheduling, and resource optimization. Key achievements include:

- Enhancing user experience by quick health issue identification and considering patient medical history.
- Addressing high wait times and optimizing resource allocation through effective tool utilization.
- Improving healthcare quality via appointment scheduling and virtual sessions.