

Tasnimul Farabe, BSc in Computer Science.

(204)-698-1789 | tasnimulfarabe@gmail.com | Mississauga, Ontario, Canada, L4T 1N7 |

LinkedIn: www.linkedin.com/in/tasnimul-farabe

Website: tasnimul-farabe.com

EDUCATION & CERTIFICATIONS

University of Winnipeg (Degree)	BSc. in Applied Computer Science	Manitoba, Canada	2021-2024
------------------------------------	-------------------------------------	------------------	-----------

QUALIFICATIONS AND KEY SKILLS

- Computer Science professional with 3 (three) years of hands-on experience in the industry and 4 (four) years in academia specializing in software development, database management, and system analysis.
- Software engineering, Proficient in programming languages such as Java Script, Assembly language, Java, C++, and SQL, with a strong understanding of object-oriented programming principles.
- Experienced in software designing and developing web applications, utilizing frameworks such as Laravel , and front-end languages like HTML, CSS, and JavaScript.
- Skilled in database management systems, including MySQL and MongoDB, with expertise in designing and optimizing database structures.
- Knowledgeable in cloud computing platforms such as AWS and Azure, including services like EC2, S3, and RDS.
- Familiar with agile development methodologies, including Scrum and Kanban, and proficient in using collaboration tools like Git and JIRA.
- Strong analytical and problem-solving skills, with the ability to troubleshoot and debug complex software applications.
- Experienced in conducting software testing and implementing quality assurance practices to ensure the delivery of high-quality software products.
- Excellent communication and interpersonal skills, with a proven ability to collaborate effectively in cross-functional teams.
- Proficient in using project management tools such as Microsoft Project and Atlassian Confluence to plan and track project progress.
- Familiar with software development life cycle (SDLC) processes, including requirements gathering, design, development, testing, and deployment.
- Continuously updating knowledge in the field of computer science through self-learning and staying updated with the latest industry trends.

Projects (All links are on my website)

- **Design Pattern using:** Strategy, Observer, Composite, State, Command, Decorator, Adapter, Façade, Factory, Singleton, Template Method (all the projects are written with Java)
 - **Data structure & algorithm using:** Java basics/review, object-oriented design, arrays, linked lists, Big-O notation, recursion, stacks, queues, deques, array lists, positional lists, iterators, trees, binary trees, priority queues, heaps, maps, hash tables, sorting, graphs (all the projects are written with Java)
 - **My portfolio website:** HTML, JavaScript, C++, PHP, Bootstrap
-

WORK EXPERIENCE

Full stack software developer & designer | Freelancing 2022 to present

- Developed Responsive Applications: Designed and built responsive websites and web applications using HTML, CSS, JavaScript, and frameworks like React.js, Angular, and Vue.js, ensuring compatibility across devices and browsers.
- Backend Development: Engineered server-side functionality using Node.js, Python, PHP, or Java, integrating RESTful APIs and databases such as MySQL, PostgreSQL, and MongoDB.
- UI/UX Design Expertise: Collaborated with design teams to create visually appealing interfaces using tools like Adobe XD, Figma, or Sketch, focusing on user-centered design principles.
- Optimized Performance: Enhanced website performance by implementing best practices in caching, database optimization, and code modularization, achieving up to [percentage]% faster load times.
- Debugging and Maintenance: Identified and resolved issues in existing codebases, ensuring seamless user experience and maintaining high uptime standards.
- SEO and Accessibility: Integrated SEO best practices and ensured WCAG compliance to improve website discoverability and inclusivity.

Technical Support | Concentrix (Dell technologies, LG electronics), Belleville, Ontario, Canada April 2023 to Present

- Provide technical support via phone, email, and chat, troubleshooting software, hardware, and network issues.
- Create work orders to send on-site technicians for part replacements when necessary.
- Diagnose, guide, and document solutions while escalating complex cases.
- Assist with installations, updates, and configurations.
- Collaborate with teams to resolve issues and offer feedback for product improvements.
- Maintain product knowledge, meet performance metrics, and suggest documentation improvements.
- Handle escalations, train new reps, and continuously update technical skills.
- Ensure adherence to data security and policies.

Project Design | Software Requirements Analysis and Design

January 2022 to April 2022

- Systems Analysis & Design: Knowledge of SDLC, iterative development, and core processes.
- System Requirements: Expertise in defining, modeling, and gathering information using diagrams and workflows.
- Use Case Analysis: Proficient in use cases, event decomposition, and CRUD techniques.
- Domain Modeling: Skilled in entity-relationship and domain-model class diagrams.
- Advanced Requirements: Experience with system sequence and state machine diagrams.
- Object-Oriented Design: Architectural design, design principles, class diagrams, and CRC cards.
- Advanced OO Concepts: Familiar with three-layer design, design patterns, and communication diagrams.

RELEVANT ACADEMIC COURSES

- Data structure and algorithm
- Software Project Management
- Computer Architecture and System Software
- Systems Analysis and Design
- Internet programming
- Design pattern and software architecture
- Computer Networking