

FATIMAH BINTI YASIN

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SOFTWARE DEVELOPER

- **Object-Oriented Programming:** C#, Java, Python
- **Web Development:** HTML, CSS, JavaScript, TypeScript, React, Angular, Express, Node.js
- **Frameworks:** MEAN Stack, MERN Stack, Spring Boot, MVC
- **Databases:** SQL, NoSQL (MongoDB), MySQL, Firebase
- **Mobile Development:** Android app using Java and Kotlin
- **Cloud Platforms:** AWS, Microsoft Azure, Heroku, Google Cloud
- **API:** REST, GraphQL, Flask, ASP.NET Core Web API
- **Testing:** QMS, QA, QC, Static White-Box Testing, Dynamic Black-Box Testing
- **Machine Learning:** TensorFlow.js, M.L.NET Framework, Predictive Analysis
- **Software Design:** UML, SRS Documents, UI/UX
- **Communication:** Business Plan Document Writing
- **Networking:** TCP/IP, HTTP Client-Server
- **Version Control:** Git, GitHub
- **DevOps:** CI/CD, Jira, Docker, Jenkins, Azure DevOps, Git Bash
- **Others:** Unix/ Linux Operating System
- **Soft-Skills:** Communication, Teamwork, Problem-solving, Adaptability, Time management, Leadership, Creativity, Attention to detail, Decision-making, Flexibility, Self-motivation, Collaboration

EDUCATION

Software Engineering Technology - Advanced Diploma

Sept 2021 - Dec 2024

Centennial College, Toronto, ON

- Overall GPA 4.35 out of 4.5 equivalent to an A+

Related Courses:

Networking for Software Developer (Python)	Web Application Development	C# Programming
Software Requirement Engineering	Software Systems Design	Software Testing and Quality
Software Security	Software Development Project	Data Structure and Algorithms
Java Programming	Mobile Application Development	API Engineering and Cloud Computing

ACADEMIC PROJECT

Chafanarosa Buy and Sell

Nov 2022 - Dec 2022

Centennial College, Toronto, ON

- Implemented an e-commerce web application for selling used products and hosted it on live sites Heroku: <https://github.com/Fatimahbintiyasin/Chafanarosa-Buy-Sell>
- Designed the web app using well-structured semantic HTML, CSS, and JavaScript and implemented a responsive frontend framework (Angular) along with a dynamic backend (using Node, Express, and MongoDB)

ShovelHero App

Sep 2023 - Dec 2023

Centennial College, Toronto, ON

- This Android app was developed as part of a software development project by a team of five
- The project began with a proposal, followed by user role modelling, writing user stories with acceptance tests, designing prototypes, planning releases and iterations, monitoring progress, drafting a technical report, and finally releasing the software.
- The app was developed in Java, and Firebase cloud database service was used to store the data.
- GitHub: <https://github.com/Fatimahbintiyasin/ShovelHeroApp>

Food Desk Application

Dec 2022

Centennial College, Toronto, ON

- This is a JavaFX Application that keeps records of customers' orders at a grocery store.
- The app will enable the user to enter order details and generate a receipt indicating the total cost of their order. It also inserts the records of orders in the Oracle database

Predictive Machine Learning Project

Dec 2023

Centennial College, Toronto, ON

- This project is a software product designed to provide Toronto's police department with a prediction regarding the probability of recovering a bicycle after theft
- Using selected features, we built the predictive ML model by utilizing logistic regression and decision tree, integrated the model into an API through the Flask framework
- GitHub: <https://github.com/Fatimahbintiyasin/Predictive-Machine-Learning-Model>

E-book Reader App

Feb 2024

Centennial College, Toronto, ON

- Implemented a WPF app in C# that allows logged-in user to read books on their bookshelf. When the user finishes reading, the snapshot of the reading activity will be recorded so that they can continue reading from where they left off last time.
- The app used an AWS DynamoDB table to store users' login credentials and an S3 Bucket to store the books on the bookshelf.

Student/Course App

Oct 2024

Centennial College, Toronto, ON

- This is a comprehensive Student/Course System created by using MERN stack
- Developed Express REST API to expose CRUD functionalities for managing student and course information
- Implemented the React front-end to allow students to interact with the system
- Link: <https://github.com/Fatimahbintiyasin/Student-Course-App>

EXPERIENCE

Social Media Coordinator

Jun 2022 - Present

Desi Kitchen, Toronto, ON

- Manage Facebook, Instagram, and website of a catering business independently
- Interact with 5-10 customers on a daily basis and help them with their needs
- Take customers orders and listen to all their requirements
- Track social media metrics to determine audience growth rate, volume, and reach
- Use editing and graphic design tools to create content and visuals for social channels