

# Mohammad Mahir Shekh

Toronto , ON M1G 1Z1

(548)-333-9251 || [mahirshekh.it@gmail.com](mailto:mahirshekh.it@gmail.com)

<https://www.linkedin.com/in/mahirshekh>

## OBJECTIVE:

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To secure a Solutions Architect Intern position at a leading organization where I can leverage my expertise in cloud architecture, serverless development, and AWS services to design scalable and secure solutions. Committed to contributing to innovative projects and transitioning into a full-time role in September 2025.

## HIGHLIGHTS OF QUALIFICATIONS:

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- Proficient in cloud computing design, administration, and troubleshooting with hands-on experience using AWS services (Lambda, SES, Amplify, S3, DynamoDB, API Gateway, Cognito).
- Strong foundation in software testing, including manual testing, API testing, and UI/UX testing with tools like Selenium, Postman, and Jira.
- Skilled in creating mobile and web applications using Flutter, Firebase, Python, and Node.js.
- Experienced in Agile practices, CI/CD pipelines, collaborating within cross-functional teams and technical documentation.
- Strong knowledge of database management systems (MySQL, MongoDB) and cloud storage integration.
- Excellent time management, adaptability, teamwork, attention to detail, strong communication, and problem-solving skills with a track record of resolving complex issues.

## TECHNICAL SKILLS:

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- Cloud Computing: AWS (Amplify, Lambda, SES, S3, DynamoDB, API Gateway, Cognito), Microsoft Azure
- Programming Languages: Python, Node.js, JavaScript, C#, Dart
- Web & Mobile Development: Flutter, REST APIs, Firebase, GitHub
- Testing Tools: Selenium, Postman, Jira, Manual Testing
- Operating Systems: Windows, Linux, Mac
- Tools & Technologies: Git, Jenkins, CI/CD, MongoDB, MySQL
- Analysis and design methodologies: Data Structures & Algorithms, UML, Agile, Waterfall, Scrum.
- Certifications: AWS Cloud Practitioner Essentials(Simplilearn)

## EDUCATION:

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### **Cloud Computing Technologies [Post Grad Cert]**

George Brown College, Toronto, Canada

**GPA : 3.72**

Sep 2024 - Present

### **Software Quality Assurance & Test Engineering [Post Grad Cert]**

Conestoga College, Waterloo, Canada

**GPA : 3.9**

Sep 2023 - Apr 2024

### **Information Technology [Bachelor's Degree]**

Charusat University, Changa, India

**GPA : 3.8**

Jul 2019 - Apr 2023

## PROFESSIONAL EXPERIENCE:

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### **Overnight Associate**

Walmart, Toronto, Canada

Jan 2024 - Present

- Prepared the sales floor for store opening by setting up, merchandising, and labeling displays.
- Unloaded trailers and organized merchandise into backroom bins for stocking and overnight processing.
- Stocked shelves and maintained a clean, hazard-free environment per company policies.
- Contributed to team operations by completing safety checks, ensuring displays were secure.

## **Application Developer & Tester**

May 2023 - Aug 2023

Qubeta Technolabs, India

- **Project:** Matrimony App, CRM App, Poolit App
- Designed and implemented intuitive user interfaces, ensuring an exceptional user experience.
- Implemented secure authentication and authorization mechanisms for scalability and security.
- Conducted manual and UI testing to identify and resolve defects, ensuring high-quality standards.
- Collaborated with cross-functional teams to integrate Google Firebase, ensuring seamless real-time updates for users and delivering thorough documentation.
- Reduced app loading times by 20% through optimized code and testing.
- Delivered 3+ Android applications on time, achieving a 95% client satisfaction rate.

## **Flutter Developer Intern**

Dec 2022 - May 2023

Crown Software, India

- **Project:** MD Hostel
- Developed the MD Hostel app, automating hostel management and improving efficiency by 30%.
- Utilized Flutter for a visually appealing front-end and built a robust back-end with PHPMyAdmin and MySQL for efficient data management.
- Integrated REST APIs and Firebase for real-time updates and seamless data synchronization.
- Conducted feature testing, created test cases, and performed UI testing to meet functionality standards.
- Resolved defects by collaborating with cross-functional teams, ensuring timely reporting and resolution.
- Streamlined hostel operations, improving efficiency and received positive user feedback.

## **PERSONAL LEARNING PROJECTS:**

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Ride-Sharing App (AWS Wild Rydes Sample)

Jan 2025

- Built a serverless ride-sharing app using AWS services.
- Enabled user authentication via Cognito and developed a REST API for secure ride-booking.
- Integrated Lambda functions with DynamoDB for backend data management.
- Deployed and hosted the app with AWS Amplify, utilizing CI/CD for seamless updates.
- Showcased expertise in cloud technologies, full-stack development, and serverless architecture.
- **Tech Stack:** AWS (Amplify, Cognito, Lambda, API Gateway, DynamoDB), Git/GitHub, Node.js/Python.

Serverless Email Marketing Application

Jan 2025

- Developed a serverless email marketing system using AWS SES, EventBridge, S3, Lambda, and IAM.
- Configured S3 buckets for storing HTML templates and contact lists.
- Created a Lambda function in Python for generating and sending personalized emails.
- Automated email campaigns with EventBridge and ensured secure service integration via IAM roles.
- Transitioned SES from sandbox to production by validating email addresses.
- Resolved permission issues (e.g., S3 GetObject) to optimize workflows.
- **Tools & Technology Used:** AWS SES, S3, Lambda, EventBridge, IAM, Python.

Manual Testing OpenCart(E-Commerce Website)

Jan 2024

- Developed Test Scenarios and Test Cases utilizing testing techniques such as Equivalence Class Partition, Boundary Value Analysis, Decision Table, State Transition and Use Case Testing.
- Applied expertise in creating Test Cases through Error Guessing and Exploratory Testing. Prioritized Test Cases based on importance, executed Smoke Testing before in-depth testing, ensuring stable builds.
- Led multiple Test Cycles, incorporating Regression, Retesting, Usability, Functionality, and UI Testing. Documented defects in Excel with detailed steps and screenshots.
- **Tools & Technology Used:** MySQL Database, Apache Web Server, Microsoft Word & Excel