MOEGAMMAD YAASEEN ALEXANDER

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PROFESSIONAL SUMMARY

I am a motivated and detail-oriented Application Development student with a strong foundation in software development, object-oriented programming, and problem-solving. Passionate about building scalable, user-focused applications, I am experienced in utilizing C#, Java, ASP.NET Core, SQL Server, and Microsoft Azure. Demonstrating strong analytical thinking, adaptability, and a proactive approach to learning, I have been recognized for consistent academic performance with high averages and multiple distinctions. Seeking a Software Developer opportunity to contribute technical skills while growing within a professional environment.

TECHNICAL SKILLS

- **Programming & Web:** C#, Java, SQL, HTML, CSS, JavaScript, Bootstrap

- **Frameworks & Databases:** ASP.NET Core (MVC), .NET, Entity Framework, SQL Server, Azure SQL Database, JSON

- **Cloud (Azure):** Fundamentals, App Services, Blob Storage, Table Storage, Azure Queues, Azure Files

- **Tools & Version Control:** Git, GitHub, Visual Studio, GitHub Actions

TECHNICAL PROJECTS

Contract Monthly Claim System (CMCS) | *C#, ASP.NET Core MVC, Entity Framework, SQL*

- Developed a multi-role web application to streamline lecturer claim submissions, featuring automated payment calculations, validation logic, structured workflows, and document uploads.

- Utilized Entity Framework to ensure a clean separation between business logic and data access.

- **Achievements & Links:** Achieved 84% (Distinction) in Programming 2B. | **GitHub:** github.com/ST10453511/PROG6212_POE_Part3.git

ABC Retailer Cloud Application | *C#, ASP.NET Core MVC, Microsoft Azure, SQL Server*

- Designed a cloud-integrated retail web app leveraging Azure Blob Storage for multimedia, Table Storage for structured data, Queues for transaction processing, and Files for document storage.

- Deployed the system using Azure App Service with an emphasis on distributed architecture and scalability.

- **Achievements & Links:** Achieved 83% (Distinction) in Cloud Development B. | **GitHub:** github.com/ST10453511/CLDV6212_POE_Part3.git

EventEase Venue Booking System | *C#, ASP.NET Core MVC, SQL Server, Microsoft Azure*

- Built a database-driven venue booking application with full CRUD functionality and structured data validation.

- Integrated SQL Server to ensure data consistency and designed the application for cloud deployment.

- **Achievements & Links:** Achieved 85% (Distinction) in Cloud Development A. | **GitHub:** github.com/ST10453511/CLDV6211_POE_Part3.git

Cybersecurity Awareness Chatbot | *C#, .NET*

- Built an interactive console-based chatbot featuring structured input validation, conditional logic flows, ASCII-based UI design, and voice greeting integration.

- **Achievements & Links:** Achieved 80% (Distinction) in Programming 2A. | **GitHub:** github.com/ST10453511/PROG6221_POE_GROUP1.git

Task Management System | *Java*

- Created a task management application applying core OOP principles (encapsulation, inheritance, structured class design) to allow users to create, update, and track task statuses.

- **Links: GitHub:** github.com/IIEMSA/prog5121-poe-part-3-XMoe-AlexX.git

EDUCATION

Bachelor of Computer and Information Sciences in Application Development (NQF 7)

Emeris (formerly IIE MSA) | 2024 – Present

- **Status:** Currently in Semester 5 of 6 (Expected Completion: 2026).

- **Academic Highlights:** Consistently achieving Pass with Distinction (PD) grades in critical modules, including Cloud Development A (85%) & B (83%); Programming 2A (80%) & 2B (84%); Information Systems 1B (87%), 2B (76%), & 2C (84%); Principles of Security (80%); and Programming 1B (83%).

National Senior Certificate (Matric) | *Hoërskool President High* | Completed

CERTIFICATIONS

Certificate in Full Stack Development (32 Credits) | *FNB App Academy / IT Varsity* | July 2025

- Covered frontend, backend, APIs, deployment, UX design principles, and GitHub collaboration workflows.

PROFESSIONAL ATTRIBUTES

Problem Solving & Analytical Thinking | Attention to Detail | Adaptability | Teamwork | Time Management | Continuous Learn