

# Andrew Ashraf Amin (Junior Software Engineer)

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## Professional Summary

Junior Software Engineer with a solid foundation in **Backend Development**, **.NET**, **Java**, **Node.js**, and **Python**. Experienced in building scalable systems with **REST APIs**, **databases** (MySQL, Oracle, NoSQL), and cloud services. Strong problem-solving skills demonstrated in academic and personal projects, eager to grow in backend engineering roles.

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## Technical Skills

**Languages:** Java, Kotlin, Python, JavaScript, C++, C, C#, Node.js  
**Frameworks & Tools:** Spring Boot, Angular, .Net, Docker (basic), Microservices, Git, GitHub, CI/CD  
**Databases:** MySQL, Oracle, NoSQL (basic)  
**Other:** REST APIs, OOP, System Analysis, Debugging, Agile  
**Web:**HTML,CSS

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## Education

**B.Sc. in Business Information Systems**  
Sadat Academy for Management Sciences, Faculty of Management Sciences  
Graduated: 2023 | GPA: 3.2  
*Coursework focused on IT, systems analysis, and software development*  
**TOEFL Certified**

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## Projects

**Schools Guide – Smart School Directory App**  
*Jun 2022 – Jun 2023 | Graduation Project – Sadat Academy for Management Sciences*

- Built a native Android app in **Kotlin** to help parents and students search and compare schools by location/features.
- Integrated **Google Maps API** for school mapping and **Firebase** for authentication & real-time data.
- Applied **MVVM architecture** for scalability and delivered an intuitive **UI** with onboarding and filtering.
- Achieved an A+ grade and supported peers in troubleshooting their projects

**Collaborative Graduation Projects**  
*2022 – 2023*

- Delivered academic projects in teams with a focus on **clean code** and **problem-solving**.
- Practiced **agile** methods including **sprints**, **peer reviews**, and **team-based task management**.

## Mini Applications for Skill Exploration

2022 – 2023

- Built small-scale apps experimenting with Go, TypeScript, and Docker to broaden technical knowledge.
  - Practiced debugging, performance optimization, and full development cycles in different tech stacks.
  - Developed and maintained a backend system using **Node.js** and **RESTful APIs**, improving data retrieval efficiency and ensuring seamless integration with the **database**.
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## Certifications & Courses

- CS50: Introduction to Computer Science – Harvard University (In Progress)
  - Self-Learning: Go (Golang), React.js, and TypeScript through online resources and practical projects
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## Languages

- Arabic (Native)
- English (Fluent)
- Dutch (Basic)