

Hamza Awad

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PROFILE

Software Engineering graduate from Bethlehem University with strong academic achievements and leadership experience. Possesses robust problem-solving abilities and fluency in English and Arabic. Passionate about building scalable, full-stack applications and eager to apply analytical and technical skills to develop intuitive user interfaces and contribute to meaningful projects.

EDUCATION

Bethlehem University | Bethlehem, Palestine | BS in Software Engineering Sep 2021 – Jun 2025

- Recipient of multiple academic honors and certifications for technical projects and leadership.
- Relevant Coursework: Advanced Web, Advanced OOP, Service-Oriented Architecture, Cloud Computing, Software Architecture & Design Patterns.

EXPERIENCE

Cloud Intern (AWS Focus), Gaza Sky Geeks Feb 2025 – Apr 2025

- Engaged in an intensive AWS cloud internship program, gaining hands-on experience with core cloud services.

Full Stack Developer Intern, Element Media Jun 2024 – Sep 2024

- Contributed to a full-stack e-commerce platform by developing backend APIs (PHP/Laravel) and implementing frontend components (React). [\[Repository Link\]](#)

Frontend Development, Udemy Oct 2023 – May 2024

- Mastered UI/UX design (Figma), React.js, and Flutter development via comprehensive Udemy training.

PROJECTS

Nablus Delights: Full-Stack Microservices Marketplace [Repository Link](#)

- Architected a full-stack .NET microservices application with an Ocelot API Gateway, implementing JWT role-based authorization(Admin/User). Utilized polyglot persistence with SQL Server (EF Core) and Redis for caching, and established a CI/CD pipeline with GitHub Actions.

Clarity Finance: Full-Stack Finance Tracker [Repository Link](#)

- Built a cross-platform mobile app featuring a secure .NET API (using EF Core, DTOs, JWT) and a creative Flutter frontend (using Riverpod, 'fl_chart') with full CRUD functionality.

AuraStride: Visually Impaired Navigation App [Graduation Project] [Repository Link](#)

- Developing a mobile app (Flutter/Firebase) using AI/ML and Google Maps for visually impaired navigation, featuring real-time obstacle detection and voice guidance.

Social Media Website [Repository Link](#)

- Implemented user management and real-time messaging using a Java/Spring Boot backend, secured with JWT/OAuth2, and a dynamic React/TypeScript UI.

VOLUNTARY EXPERIENCE

IEEE BU Student Branch Nov 2023 – Jun 2025

- Organize and lead technical workshops, problem-solving competitions, and training sessions for fellow students.

SKILLS

Languages: C#, Java, PHP, Dart, Python (ML), JavaScript/TypeScript

Frameworks & Libraries: .NET, Spring Boot, Laravel, Flutter, React.js, Tailwind CSS

Databases & APIs: MS SQL Server, MySQL, RESTful APIs, Firebase, Redis

Developer Tools: Git, Docker, Postman, Figma, Selenium, GitHub Actions

Concepts & Methodologies: OOP, Microservices, CI/CD, UI/UX Design, Agile/Scrum

Professional Skills: Problem Solving, Fast Learner, Time Management, Communication, Leadership