

Hamza AbuAmrea

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PROFILE

Bachelor in Software Engineering student at Bethlehem University with strong academic achievement and volunteering experience. Possesses strong leadership and communication skills with fluency in English and Arabic. Keen to pursue a career in technology and innovation, specifically as a Full Stack developer. Eager to apply analytical and technical skills to develop intuitive user interfaces and contribute to meaningful projects that enhance user experience.

EDUCATION

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

- Received multiple academic honors/certifications during studies.
- Coursework: Advanced Web, Advanced OOP, Service Oriented Architecture, Software Engineering for the Cloud, Software Architecture Design Patterns

EXPERIENCE

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

- Developed a full-stack e-commerce project using PHP/Laravel (Backend API, roles) and React (Frontend).
[\[Repository Link\]](#)

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

- Participated in an AWS cloud internship program (awaiting formal certification).

UI/UX Development Intern Oct 2023 – Dec 2023

- Designed and built user interfaces.

VOLUNTARY EXPERIENCE

IEEE BU Student Branch Nov 2023 – Present

Organizing technical activities and problem-solving competitions, including contests and training and participate in the events.

PROJECTS

AuraStride: Visually Impaired Navigation App [Graduation Project]

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

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- Implemented user management, real-time messaging, and notifications.
- Developed backend logic/APIs (Java/Spring Boot) implemented security (SSL/JWT/OAuth2).
- Utilized Git for team collaboration and React with TypeScript for dynamic UI.
- Designed UI/UX with Figma; refactored to microservices for scalability.

SKILLS

Technologies: Java, Spring Boot, React.js, PHP, Laravel, Python (ML), MySQL, REST APIs, Docker, Git, Tailwind CSS, Flutter, Dart, Firebase, Machine Learning, Object Detection, Selenium (Testing), Unit Testing.

Other Skills: Fast Learner, Time Management, Problem Solving, UI/UX Design.