

BENJAMIN ASHAM FAWZY KHALIL

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GitHub: github.com/benjamin-asham | Portfolio: benjamin-asham.github.io/Portfolio/

PROFESSIONAL SUMMARY

Motivated and results-driven Full stack Developer and Software Engineering student with 2+ years of hands-on experience building modern, scalable web applications. Proficient in React, TypeScript, JavaScript, and .NET with a proven track record of delivering production-ready software and intuitive UI/UX. Recognized for ranking Top 10 among 100+ university projects and achieving 1st Place among 50+ competing teams. Strong communicator, team leader, and self-driven learner with excellent time management and problem-solving skills.

EDUCATION

Software Engineering

2023 – 2027 (Present)

Borg Al Arab University of Technology | Alexandria, Egypt

EXPERIENCE

Full Stack .NET Developer — Trainee

2025 – Present

Digital Egypt Pioneers Initiative (DEPI)

- Complete 200+ hours of intensive full-stack training, developing production-grade applications using C#, .NET, ASP.NET, and SQL Server.
- Design and deploy scalable RESTful APIs serving 1,000+ concurrent users with optimized database queries.
- Implement responsive front-end interfaces using React and TypeScript, integrated with back-end services via REST.
- Collaborate in an Agile team of 5+ developers across sprint planning, code reviews, and QA cycles.
- Apply systematic debugging and root-cause analysis to resolve complex cross-stack technical issues.

Web Programming Instructor

2/2025

Children's Technology University | Borg El Arab | Smouha Club | Sporting Club

- Taught web development curriculum across 3 locations (Borg El Arab, Smouha Club, Sporting Club) over a full year, reaching 80+ students aged 8–15.
- Designed and delivered 20+ project-based lessons covering HTML5, CSS3, and JavaScript fundamentals, achieving a 95% project completion rate.
- Maintained an instructor satisfaction rating of 4.8/5.0 from students and parents across all cohorts.
- Mentored 80+ students through 15+ hands-on build projects, adapting instruction style to diverse learning needs and age groups.
- Managed curriculum planning and classroom operations across multiple sites, demonstrating organizational leadership at scale.

Front-End Developer

2023 – Present

Academic & Personal Projects

- Contributed to a university web platform serving 5,000+ students and faculty, implementing UI components that improved task completion efficiency.
- Built 10+ responsive web applications using React, TypeScript, and modern CSS frameworks with average page load times under 2 seconds.
- Maintained 3+ collaborative Git repositories using feature-branching, pull requests, and code review workflows.
- Independently adopted new technologies and frameworks through self-directed learning, reducing onboarding time on new stacks.

TECHNICAL SKILLS

Front-End Technologies: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Tailwind CSS, Bootstrap, Responsive Design

Back-End Technologies: C#, .NET Framework, ASP.NET, SQL, SQL Server, RESTful APIs

Programming Languages: C++, C, Python, Java

Tools & Other: Git, GitHub, Visual Studio, VS Code, Embedded Systems, Raspberry Pi, Figma

SOFT SKILLS

Self-Motivation | Leadership | Teamwork | Problem-Solving | Communication | Presentation | Time Management | Adaptability | Critical Thinking | Continuous Learning

COURSES & TRAINING

Full Stack .NET Development Program 2025 – 2026

Digital Egypt Pioneers Initiative (DEPI) – 200+ hours of intensive training

Front-End Web Development Course Jul – Sep 2025

National Technology Institute (NTI) – 120-hour comprehensive program

Embedded Systems Development Course 2025

Alexandria University – Hands-on training with microcontrollers and IoT devices

PROJECTS

GlowTown – Smart City Services Web Platform & panto 2024-2025

- Architected and delivered a full-stack platform aggregating 50+ city services (shops, restaurants, hospitals), supporting 100+ authenticated users at launch.
- Engineered a secure user authentication system and RESTful API layer, enabling seamless service discovery and user management.
- Achieved 85% user satisfaction in beta testing through iterative UI/UX design and usability-focused development.
- Ranked Top 10 out of 100+ submissions in a university-wide project competition.
- Technologies: React, TypeScript, Node.js, MongoDB | View more projects at benjamin-asham.github.io/Portfolio/

Smart Mirror – IoT Smart Display System 2025

- Led a 4-person engineering team as JavaScript specialist and front-end architect, delivering an IoT smart mirror from concept to working prototype.
- Built a real-time JavaScript interface displaying live weather, calendar events, and news feeds via multiple REST API integrations.
- Implemented voice recognition achieving 90% command accuracy for fully hands-free control.
- Awarded 1st Place at graduation project showcase among 50+ competing teams; pivoted project scope mid-development based on user feedback without timeline impact.
- Technologies: JavaScript, Raspberry Pi 4, Python, REST APIs

LANGUAGES

- **Arabic:** Native proficiency
- **English:** Professional working proficiency in reading, writing, and speaking