# Ahmed Atef Mohamed

**Software Engineer (.NET | React | Flutter)**
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## Summary

Software Engineer (BIS graduate) with hands-on experience building scalable web and mobile applications through industry internships and production projects. Proficient in ASP.NET Core, React.js, Flutter, Python, Laravel, and relational databases. Strong foundation in Clean Architecture, RESTful APIs, and database optimization, with a proven track record delivering secure client portals, high-performance backends, and user-centric mobile apps.

## Technical Skills

**Programming Languages**: C#, Dart, Python, JavaScript (ES6+), PHP, SQL
**Frontend & Mobile**: Flutter, React.js, TypeScript, HTML5, CSS3, Tailwind CSS, BLoC/Cubit, GetX
**Backend Development**: ASP.NET Core, Web API, Entity Framework (EF), Laravel, Node.js, RESTful APIs, LINQ
**Database & Storage**: PostgreSQL, Microsoft SQL Server (MSSQL), MySQL, Supabase, Hive NoSQL
**Tools & Analytics**: Git, GitHub, Postman, Streamlit, Plotly, Android Studio, VS Code
**Soft Skills**: Agile/Scrum, Team Leadership, Problem-Solving, Mentoring, Event Operations, Communication

## Experience

**Full Stack Development Intern** Jun. - Sep. 2025
*Algoriza & Azm Squad* *Remote*
- Engineered secure RESTful Web APIs using ASP.NET Core and LINQ covering 15+ endpoints, improving server response throughput by 30%.
- Developed 8+ responsive admin dashboards in React.js and Tailwind CSS, reducing data sync delays by 35% for a seamless user experience.
- Spearheaded Agile sprint deliverables and conducted 20+ peer code reviews, earning top performance evaluations of 90/100 and 97/100.

**Software Engineering Trainee - Mobile & Cloud Track** Jun. 2025 - Jan. 2026
*Digital Egypt Pioneers Initiative (DEPI) | MCIT & CLS Learning Solutions* *Cairo, Egypt*
- Completed an intensive 6-month software engineering track (500+ hours) backed by MCIT, mastering Clean Architecture, state management (BLoC/GetX), and unit testing.
- Engineered 3+ full-stack mobile applications integrating Supabase PostgreSQL, Row-Level Security (RLS), and RESTful APIs under Agile sprint deadlines.

**Community Admin & Mentor** Jan. 2023 - Jan. 2025
*QLASH GLOBAL* *Remote*
- Directed live tournament operations and tournament systems for competitive online communities spanning 3+ international regions.
- Resolved 200+ technical registration and user dispute tickets under tight deadlines, maintaining a 95%+ on-time operational schedule.

## Projects

**El-Meshwar - Smart Transportation & Cost Assistant** | [GitHub / README] Oct. - Dec. 2025
- Architected an offline-first transit companion in Flutter and GetX with a local caching engine managing 1,000+ coordinates in Hive NoSQL.
- Optimized mobile battery and memory usage by 40% via reactive debouncing, integrating interactive route polylines and secure Supabase PostgreSQL sync (RLS).

**Stock Market Analysis System** | [GitHub] | [Live Demo] May 2026
- Constructed an interactive financial platform using Python and Streamlit, integrating the yFinance API with intelligent caching to cut data load times by 45%.
- Generated real-time dashboards with Plotly technical indicators (SMA, RSI) analyzing 50+ equities, maintaining 99%+ uptime during external API rate-limit spikes.

**LearnSphere - Modular School Management & LMS** | [GitHub / README] Aug. - Nov. 2025
- Modernized a legacy academic codebase into a modular PHP 8 and MySQL platform featuring 3+ isolated role-based portals for admins, teachers, and students.
- Optimized relational queries with composite indexing and caching, cutting report generation latency by 45% across 10+ database entities serving 300+ users.

## Education

**Canadian International College (CIC)** Giza, Egypt
*Bachelor Degree in Business Information Systems (BIS)* *Sep. 2022 - Jun. 2026*

## Certifications

- **Flutter Cross-Platform Mobile Development** - Digital Egypt Pioneers Initiative (DEPI) 2025
- **Full Stack Web Development** - National Telecommunication Institute (NTI & ITIDA) - Score: 96% 2025
- **Cybersecurity Fundamentals** - Canadian International College (CIC) 2023