

Ahmed Mohamed Marey

Backend Engineer

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Profile

Backend Software Engineer with a strong foundation in building scalable and efficient systems. Experienced in designing, developing, and maintaining high-performance applications while meeting tight deadlines and quality standards. Proven ability to collaborate within cross-functional teams and contribute to successful project delivery. Skilled in problem-solving, system optimization, and delivering reliable solutions in fast-paced environments. Committed to continuous learning and applying best practices to improve performance, scalability, and system quality.

Professional Experience

Qader (Full-time) 05/2025 – Present | 6th October, Egypt

- Developed and maintained scalable backend systems for high-traffic mobile applications serving millions of users across MENA.
- Built and optimized APIs with a focus on performance, reliability, and secure data handling.
- Worked with product and mobile teams to deliver features and support ongoing platform growth.

Nexus (Part-time) 05/2024 – Present | Remote

- Co-founded and led a development team delivering scalable software solutions across multiple projects.
- Owned project delivery end-to-end, including planning, architecture design, and production release.
- Worked directly with clients to gather requirements and translate them into technical solutions.
- Supervised team execution, task distribution, and code quality standards.

Da'em 01/2025 – 05/2025 | Mansoura, Egypt

- Built and maintained backend systems for multiple production platforms, including marketplaces, e-commerce, CMS, and educational systems.
- Designed and implemented scalable RESTful APIs supporting core functionalities such as payments, user management, and real-time interactions.
- Improved system performance, reliability, and stability across various applications.
- Collaborated with cross-functional teams to deliver features, integrate services, and support continuous platform enhancements.

Fourth Pyramid 07/2024 – 01/2025 | Mansoura, Egypt

- Developed and maintained backend systems for business and enterprise applications, including administrative and HR platforms.
- Designed and implemented APIs to support order management workflows, user roles, and operational processes.
- Improved system functionality by resolving database issues and enhancing core features.
- Collaborated with cross-functional teams to deliver solutions, support deployments, and ensure system reliability.

Skills

Backend: PHP, Laravel, Python, FastAPI, OOP, SOLID, RESTful APIs

Database: MySQL, PostgreSQL, MongoDB

Frontend: HTML, CSS, JavaScript, ReactJS, NextJS, Blade, Livewire

DevOps: Deployment, Docker, CI/CD, Git (GitHub, GitLab)

Integrations: Payment Gateways, SMS/WhatsApp Providers, Firebase, Email Services, Pusher, Redis, AI

Projects

Rosy Calc [↗](#)

- Enhanced and maintained a high-traffic women's health app serving 5M+ users across MENA.
- Implemented key features including social login, in-app community, and scalable backend services.
- Resolved critical issues to improve system reliability and user experience.

Nawaya Events [↗](#)

- Developed backend APIs for a multi-service platform offering workshops, product sales, and consultations.
- Built an admin dashboard for managing workshops, certificates, wallets, refunds, and communications.
- Integrated multiple services including payment gateways, WhatsApp, Firebase, and email systems with role-based access control.
- Deployed and maintained the full system, ensuring stability and reliability.

Bekam2day [↗](#)

- Developed a multi-role system for users, providers, and admins with role-based access control and permissions.
- Built and maintained backend services supporting core platform operations and workflows.
- Integrated Paymob, Firebase, SMS, WhatsApp, and real-time chat group between providers using Pusher.
- Ensured secure and scalable system architecture for reliable multi-user interactions.

MTEExpress [↗](#)

- Developed backend for a shipping ERP managing orders, settlements, and financial reconciliation.
- Built a role-based system for Admin, Operations, Agents, Merchants, and Delegates with defined workflows.
- Implemented tracking and reporting for delayed and returned orders to support end-to-end operations.

Neo Nerd [↗](#)

- Developed backend for a secure LMS for medical students supporting course access, and user management.
- Built role-based dashboards for admins, doctors, and assistants to manage courses, students, and operations.
- Integrated Telegram bot, Firebase, hypersender for WhatsApp messages.
- Deployed and maintained the system ensuring stability and secure access control.

Smart Student [↗](#)

- Enhanced and migrated a multi-user educational platform from cPanel to Hostinger without data loss.
- Added key features including online exams, exam banks, private teacher-student sessions, and center subscription plans for onsite classes.
- Integrated Jitsi for real-time online sessions between students and teachers.
- Developed center dashboards for managing teachers, subjects, and subscriptions.

Gado HR [↗](#)

- Developed and deployed a role-based HR system for managers and employees with attendance (location tracking), leave, advances, deductions, meetings, and reports.
- Built payroll and insurance calculation modules for automated processing.
- Developed an admin dashboard for managing users, permissions, reports, and system settings.

Smart Driver [↗](#)

- Developed backend for a multi-service automotive platform for buying/selling cars and plates, exam question banks, and training session bookings.
- Built role-based dashboards for clients, captains, and insurance brokers with full operational workflows.
- Integrated third-party and individual insurance services along with payment gateway, Firebase, and email services for transactions and notifications.

Saudi Online [↗](#)

- Developed a full-featured CMS for managing articles, news, reports, videos, and ads.
- Built an admin dashboard for managing content, users, categories, SEO, and media assets.
- Implemented real-time publishing, rich-text editing, and dynamic homepage configuration with full Arabic support.

Education
