






# Samuel Gerges

Backend Software Engineer

Cairo, Egypt

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## Projects

- **LINRCO-Egypt** **Senior Backend Developer**   **Feb 2026 – Present**
  - **FINRCO ERP System** – Building a custom ERP system from scratch to replace SAP, aligned with company workflows and internal processes. Designed database schema and core module structure based on business requirements, ensuring flexibility for future changes.
  - **Leave Request** – Built a leave request module handling Vacation, Ticket, and Exit & Re-Entry (ERE), each with its own structure, business flow, and approval cycle. Integrated with SAP to pull employee data and determine eligibility, contracts, and leave rules before creating a request. The Implemented request validation and workflows cover approvals, balances, and document checks based on company policies.
- **CRUX** **Senior Backend Developer**   **Oct 2025 – Mar 2026**
  - **Bizgene Platform** – Developed a platform supporting client and freelancer onboarding with admin approval and account verification workflow. Implemented project lifecycle including opportunity posting, freelancer applications, and client review and selection process.
  - **Payment & Certification System** – Integrated payment gateways (Stripe, PayPal) to handle secure transactions and payment selection. Built certification management with external integration (Credly) to verify freelancer certifications and validate expiration status.
- **EEC Group** **Full-Stack Developer**   **Jul 2023 – Jan 2026**
  - **ERP System** – Contributed to multiple core modules used by operations, finance, HR, and warehouse teams. Improved workflows, fixed data issues, and added missing business rules requested by departments.
  - **E\_Purchases System** – Added multilingual support, improved purchase order creation, added validation rules, fixed supplier-item issues, and handled approval steps. Helped reduce manual Excel work for procurement.
  - **HR System** – Built attendance and vacation logic, linked leave types with policies, and added handling for special cases such as half-days and manual adjustments from HR.
  - **CRM System** – Developed tools for customer activity tracking, follow-up steps, contract attachments, and improved the way sales teams log communication.
  - **Invoices System** – Worked on invoice creation, bill payments, collection tracking, and bank approval workflows. Added missing calculations and fixed rounding problems that affected accounting.
  - **Warehouses** – Implemented item creation, stock adjustments, unit conversions, item exchange workflows, and permissions for warehouse receipt. Built booking flows for fabrication orders.
  - **Fabrication Orders** – Created module for uploading drawings, technical files, and documentation. Added multi-step approval flow before sending orders to the factory. Improved search, filters, and file history.
- **Galva-Max ERP**
  - **E-Invoice System** – Built features for client registration, purchase order creation, invoice generation, tax handling, and payment recording. Helped align workflows with the company's internal accounting process.
- **Adastra** **Full-Stack Developer**   **Jul 2022 – Jun 2023**
  - **Adastra System** – Developed core modules for a multi-tenant psychological treatment platform. Built dashboards for therapists, sponsors, and families. Added tools for session notes, patient status updates, and reporting. Improved account and permission handling for clinics and families.

- **Business Academy System** — Built course, instructor, and session management. Added student enrollment, payment tracking, and seat availability logic. Integrated Zoom for online classes and handled session attendance and student access rules.
- **Modern Invitations** — Invitation-building platform for weddings, birthdays, and events. Added support for text, audio, and video inputs. Backend generates personalized invitations automatically. Developed APIs used by the mobile app.
- **Setcco Corporate Website** — Created company website with admin dashboard for certifications, services, contact messages, and updates. Improved performance and ensured all pages were manageable through the panel.

- **Abber Alamaal**

**Full-Stack Developer** Jan 2022 – Jun 2022

- **Soya7 Travel Platform** — Developed trip booking system used by travelers, guides, and agencies. Built trip creation, booking flow, cancellations, guide assignment, notifications, and mobile API endpoints. Supported both online and offline booking.
- **Takaful Healthcare System** — Built digital prescription module for clinics and pharmacies. Doctors create prescriptions; pharmacies dispense and track inventory. Added attendance and shift tracking for staff. Worked on linking clinic services with pharmacy workflows.