

Samuel Gerges

Backend Software Engineer

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 SamuelGerges

 samuelgerges



Portfolio

Projects

- EEC Group

Full-Stack Developer Jul 2023 – Present

- **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.