






# Samuel Gerages

Backend Software Engineer

Cairo, Egypt

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## 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.