

HESHAM ALI

Junior Software Engineer | Backend Focus | APIs, Integrations & Workflow Automation

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PROFESSIONAL SUMMARY

Junior Software Engineer with hands-on experience delivering client-facing CRM, API integration, workflow automation, WordPress plugin, and e-commerce projects. Backend-focused, with practical exposure to Node.js, Express.js, PostgreSQL, Redis, REST APIs, webhooks, Docker, and CI/CD. Combines Business Information Systems knowledge with the ability to translate business processes into practical system workflows.

EXPERIENCE

Junior Software Engineer | Moraqmen

Jan 2026 - Present

Full-time | Client software delivery

- Deliver client-facing projects across CRM systems, API integrations, workflow automation, WordPress platforms, and Salla e-commerce stores.
- Translate business requirements into system flows, validate functional scenarios, troubleshoot issues, and support deployment across staging and production environments.
- Work with Node.js, Express.js, PostgreSQL, Redis, REST APIs, webhooks, JWT, bcrypt, Docker, GitHub Actions, Nginx, Swagger, Postman, React, and Supabase.
- Use AI coding tools to accelerate implementation and troubleshooting while reviewing business flows, system behavior, and delivery quality.

SELECTED PROJECTS

Albasit CRM - Client Project at Moraqmen | albasit.moraqmen.com

- Planned and validated invitation-based onboarding, JWT authentication, WhatsApp communication through a self-hosted Chatwoot setup, Facebook Lead Ads ingestion, automated lead-to-customer workflows, reporting, and analytics. Supported the backend and data layer using Node.js, Express.js, PostgreSQL, Redis queues, APIs, and webhooks; configured Docker and GitHub Actions deployment; tested 5,000+ imported customer records with paginated retrieval.

Mithaq - WordPress Multisite Plugin Development | mithaq.life

- Delivered a custom Consultation Plugin with booking, manual payment, and consultant dashboard features. Contributed pricing plans and an analytics dashboard to the Matchmaking Plugin within a WordPress Multisite environment.

HR Expert Club - Platform Maintenance & Analytics | hrexpertclub.com

- Maintained a React and Supabase platform by removing unused database tables, building an analytics page, and resolving UI and functional issues across existing components.

Salla E-commerce Stores - Client Delivery

- Delivered sho9.com and taf3elat.com from setup to client handover, including store design, custom-coded theme sections, app connections, Tabby and Tamara payment integrations, Google Analytics, testing, and launch preparation.

TECHNICAL SKILLS

Backend & APIs: Node.js, Express.js, JavaScript, REST APIs, Webhooks, JWT, bcrypt

Data & Infrastructure: PostgreSQL, MySQL, MongoDB, Supabase, Redis, Docker, GitHub Actions, Nginx

Integration & Automation: System Integration, Workflow Automation, n8n, Chatwoot, Facebook Lead Ads

Tools & Web: Git, Swagger, Postman, React, WordPress, Custom Plugins, Multisite, Salla

EDUCATION

Bachelor's Degree in Business Information Systems (BIS)

Expected 2027

Egyptian Institute of Alexandria Academy for Management and Accounting