ESLAM MAGDI RADI GALAL

Full-Stack Software Engineer

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GitHub: github.com/Islam75-eng | Portfolio: novaijournal.com | poltemakademi.com

PROFESSIONAL SUMMARY

Computer Engineering student (Expected Graduation: 2027) and Full-Stack Software Engineer with over 5 months of continuous hands-on industry experience building secure, multi-tenant web applications. Proficient in modern frontend and backend architectures using Next.js, React, Laravel, Node.js, and relational databases (PostgreSQL, MySQL, Oracle SQL). Combines strong software engineering fundamentals, computer networking knowledge, and core accounting principles to architect reliable SaaS and financial platforms. Experienced in leveraging AI-assisted development workflows, rapid technology adoption, and collaborative agile teamwork.

TECHNICAL SKILLS

Programming Languages: PHP, JavaScript (ES6+), TypeScript, SQL, Python, Java, C#, C

Frontend Technologies: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Responsive UI/UX Design

Backend & Frameworks: Laravel, Node.js, RESTful APIs, Oracle APEX, Supabase (BaaS, Auth, Storage, Real-time)

Databases: PostgreSQL, MySQL, Oracle SQL, Row-Level Security (RLS), Query Optimization & Pagination

Security & Networking: Role-Based Access Control (RBAC), Rate Limiting, SQLi/XSS/CSRF Protection, API Key Security, Computer Networks (HTTP/HTTPS, TCP/IP)

AI & Machine Learning: Machine Learning (Anomaly Detection), Prompt Engineering, AI-Assisted Development & Debugging

Tools & Core Competencies: Git, GitHub (Branching, PRs, Conflict Resolution), Browser DevTools, Core Accounting Principles, Fast Learner, Cross-Functional Teamwork

WORK EXPERIENCE

Full-Stack Software Developer (Intern & Junior Developer) **June 2026 – Present (5+ Months)**

Poltem Akademi — Karabük Üniversitesi Teknokent, Karabük, Türkiye

- Engineered and maintained full-stack production web applications (**NovaiJournal** & **Poltem Akademi**) using Next.js, React, TypeScript, Node.js, and Supabase PostgreSQL.
- Architected multi-tenant workflows and Role-Based Access Control (RBAC) across 6 distinct user roles (Author, Reviewer, Editor, Layout Editor, Admin, Super Admin) enforced via backend middleware and PostgreSQL Row-Level Security (RLS).
- Integrated external ORCID REST APIs for researcher verification and implemented Double-Blind Peer Review privacy controls, manuscript submission wizards, and journal issue management.
- Optimized frontend-backend network performance using Browser DevTools, eliminating duplicate API calls and implementing cursor/offset pagination and lazy loading.
- Conducted comprehensive UI/UX audits, resolved localization and routing bugs, built secure password recovery flows, and implemented rate limiting, UUID masking, and environment-based credential isolation.

KEY PROJECTS

NovaiJournal — Multi-Tenant Academic Publishing Platform — **Next.js, React, TypeScript, Supabase, PostgreSQL**

- Developed an end-to-end digital journal management platform supporting multi-step manuscript submissions, double-blind peer review, editorial decision tracking, and dynamic multi-journal theming.
- Enforced strict data isolation between journals and users via Supabase RLS policies, protected routes, and audit logging.

Multi-Tenant Cloud Accounting & ERP SaaS Platform — **In Development**

- Designing a cloud-based accounting system applying core double-entry bookkeeping principles, chart of accounts management, automated ledger entries, invoicing, and financial reporting.
- Architecting tenant-isolated data structures and financial logic to ensure accurate calculations and real-time balance validation.

Digital E-Wallet & Payment Management Platform — **In Development**

- Developing a digital wallet system supporting user balance management, peer-to-peer transfers, transaction history tracking, and secure payment workflows.

EDUCATION

Bachelor of Science in Computer Engineering (100% English Program) — **Expected Graduation: 2027**

Karabük University, Faculty of Engineering — Karabük, Türkiye

CERTIFICATIONS & TRAINING

- **Claude Code 101 & Claude 101** — Anthropic (April 2026)
- **One Million Prompters Initiative (AI Prompt Engineering)** — Dubai Future Foundation
- **Introduction to Software Engineering Job Simulation** — Commonwealth Bank / Forage (September 2025)
- **UI & UX Design Certificate** — Gammal Tech (September 2025)

LANGUAGES

Arabic: Native | **English:** Intermediate (B1) | **Turkish:** Elementary (A2 — In Progress)