

Mohammed Sononuo

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🔗 mohammed-sononuo 🌐 Mohammed Sononuo



👤 PROFILE

Full Stack Developer with hands-on experience building responsive, user-focused web applications from front-end to back-end. Strong problem-solving mindset with a proven ability to learn quickly, adapt to new tools and technologies, and diagnose real performance and architecture challenges under constrained environments. Comfortable working independently or in team-based environments to deliver reliable, production-grade systems.

🎓 EDUCATION

An-Najah National University 2023 – 2026
B.Sc. in Management Information Systems (MIS)
GPA: 3.21

High School
GPA: 90.3

🌐 LANGUAGES

- Arabic
- English

🧠 SKILLS

- Front-End: HTML, CSS, Bootstrap, Tailwind, JavaScript, React, Nextjs , TypeScript
- Back-End: JavaScript, Node.js, TypeScript, Express, MongoDB, PostgreSQL
- Tools: Git, GitHub
- Design: UI/UX Basics
- Data Analysis: SPSS & Tableau

📖 COURSES

JavaScript — Udemy

Front-End Web Development with React — Knowledge Academy

Server-side Development with NodeJS, Express — Udemy

TRAINING EXPERIENCE

Back End Developer — Foothill Technology Solutions, LLC.

06/2026 – 08/2026 | Palestine-nablus

Completed an intensive back-end and systems engineering training program focused on modern server-side architecture and tools. Built and deployed robust practical projects including an AI Agent in Python, a Pokedex in TypeScript, and a Blog Aggregator in TypeScript. Mastered core back-end concepts, including designing HTTP Servers and Clients, database management with SQL, and functional programming patterns in Python. Utilized Docker for containerization and managed version control workflows using Git and GitHub.

FrontEnd Developer — ITG

02/2026 – 05/2026 | Palestine-nablus

- Completed an intensive 4-month FrontEnd Developer training program focused on modern front-end development with React, TypeScript, and Next.js.
- Built multiple hands-on projects including a fully functional To-Do application, applying component-based architecture, state management, and type-safe development practices.
- Gained practical experience with Next.js features including server-side rendering (SSR) and file-based routing, working toward production-ready development standards.
- Practiced clean code principles, Git-based version control, and collaborative workflows throughout the training program.

PROJECTS

E-Commerce Web Application

- Designed and developed a full-stack e-commerce platform supporting **multiple product categories** and dynamic product listings.
- Implemented user authentication, shopping cart, and order management features.
- Improved user experience by building responsive UI components and intuitive navigation.
- Optimized performance and page load speed through clean component structure and efficient routing.

Technologies: React, React Router, JavaScript, HTML5, CSS3, Bootstrap

AL-Najah University Platform

GRADUATION PROJECT

Full-Stack Web Application

- Architected and delivered a full-stack university portal with 5 user roles (Student, Community Leader, Supervisor, Dean, Admin), 25+ database tables, and role-based access control across all modules.
- Built a bilingual AI academic chatbot (Arabic & English) with multi-turn conversation memory and intent detection, helping students select majors based on GPA, interests, and career goals.
- Developed an NLP sentiment analysis engine using XLM-RoBERTa (Hugging Face Transformers) achieving 80–85% accuracy on student reviews, with automatic language detection for Arabic and English.
- Engineered a complete events management system featuring a 3-stage approval workflow (Draft → Pending → Approved/Rejected), student registration tracking, and an admin analytics dashboard.
- Implemented a student communities module with internal real-time chat, role-based permissions, and event-community linking.
- Integrated JWT authentication, Google OAuth 2.0, and email login codes; deployed a supervised ML feedback loop for continuous chatbot improvement with mandatory human review before updates.

Stack: React 18 + Vite, Tailwind CSS, Node.js + Express.js, PostgreSQL, Python + FastAPI + XLM-RoBERTa, JWT + Google OAuth 2.0, Nodemailer, Multer

Log Ingestion and Query Service

- Designed a monthly range-partitioned PostgreSQL schema handling 1M+ records, using targeted BRIN/B-tree/GIN indexes to serve filtered and aggregated queries under a strict 1 vCPU / 1GB RAM database budget.
- Implemented bulk log ingestion via unnest-based batch inserts with per-record validation, sustaining 15,000+ logs/sec with zero failed requests under load.
- Built keyset-based cursor pagination and time-bucketed aggregation (via date_bin) to maintain stable performance under concurrent write loads.
- Diagnosed and resolved CPU contention bottlenecks between ingestion and read queries using systematic load testing (EXPLAIN ANALYZE, docker stats), reducing aggregate query p95 latency from 1.8s to under 700ms.
- Implemented zero-downtime data retention using partition DETACH/DROP instead of row-level deletes, and set up a CI/CD pipeline with GitHub Actions for automated builds and smoke tests.

SOFT SKILLS

- Team Collaboration
- Time management
- Adaptability
- Self-Motivation