

Mostafa Al Bilani

Junior Software Engineer | Full-Stack, PostgreSQL, Linux

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Junior software engineer and Software Support Specialist who learns by building and operating real systems. Hands-on with TypeScript, PostgreSQL and SQL, Linux, Git, REST APIs, frontend/backend development, automated testing, and production debugging, with Python foundations in algorithms and data structures. Built and deployed client and independent projects across scheduling, scoring, access control, and e-commerce. Comfortable owning ambiguous problems, documenting findings, and progressing independently while communicating clearly in writing.

TECHNICAL SKILLS

Core Engineering: Python (foundations), PostgreSQL, SQL, Linux, Git, TypeScript, JavaScript

Backend & Data: PHP, Laravel, Node.js, Express.js, MySQL, SQL Server, Supabase, Prisma ORM, REST APIs, data modeling, migrations, access control

Frontend & Quality: React, Angular, HTML, CSS, Playwright, API testing, end-to-end testing

Infrastructure: Ubuntu, Docker, GitHub Actions, Nginx, IIS, queues, scheduled jobs, deployment automation, backups

Technical Interests: database systems, data-intensive applications, distributed systems, backend architecture, infrastructure tooling

PROFESSIONAL EXPERIENCE

Software Design Consulting Group

Software Support Specialist

Beirut, Lebanon

Jan 2026 - Present

- Own production ERP incidents end to end: reproduce failures, inspect SQL and application behavior, isolate root causes, coordinate fixes, validate outcomes, and document resolutions for clients and internal teams.
- Use SQL queries, stored procedures, SQL Server Profiler, application logs, and controlled test cases to diagnose data, permissions, workflow, reporting, and deployment issues in business-critical systems.
- Build and maintain data-driven Crystal Reports and DevExpress reports, translating operational requirements into stored-procedure integrations, formulas, grouping, conditional logic, and financial calculations.
- Configure releases, IIS applications, user access, SQL Server backups, maintenance plans, and Agent jobs while communicating technical findings clearly with users and implementation teams.

SELECTED PROJECTS

World Cup Predictor 2026

Independent Project | React, PostgreSQL, Supabase, TypeScript, Playwright

2026 - Present

[Case Study](#)

- Designed a PostgreSQL-backed prediction system covering authentication, exact-score submissions, kickoff locking, scoring, global leaderboards, private groups, and tournament progression.
- Implemented Row Level Security and protected database workflows, then automated critical authentication, submission, locking, and leaderboard behavior with Playwright tests.

NEXT Salon Booking Platform

Client Project | Laravel, Angular, MySQL, Linux, Docker

2026 - Present

[Live App](#)

- Built and deployed a production booking and management platform with a Laravel REST API, relational data model, role-protected workflows, secure tokens, and scheduling rules for staff assignment and service concurrency.
- Implemented queues, scheduled reminders, notification history, calendar actions, and automated Ubuntu deployment through GitHub Actions, Nginx, and PHP-FPM.

ShopForge E-Commerce Platform

Portfolio Project | React, Express.js, Prisma, JWT, Zod

Jul 2026

[GitHub](#)

- Built a full-stack storefront and REST API with validated authentication, relational data modeling, cart and order workflows, and administrative product and order management.

EDUCATION & TRAINING

Lebanese International University

Computer Science Coursework, B.S. Program

Saida, Lebanon

Sep 2022 - Jun 2025

SE Factory

Intensive Foundations of Computer Science Program

Lebanon

Oct 2024 - Dec 2024

Python, algorithms, data structures, complexity analysis, problem-solving, and clean code practices.