# ABDULLAH MISAR Software Engineer

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Portfolio

## SUMMARY

Software Engineer building polished web experiences and reliable backends through data modelling, access controls and testing. Led full-stack hospital and team projects; independently delivered a client assessment platform.

## EXPERIENCE

**Software Engineer,** Bahr AI (formerly Bahr Agency) Present

- Built MM&P's bilingual website and CMS with validated draft/review/publish workflows for controlled publishing (Next.js, TypeScript). Live
- Developing Lelean Academy with entitlement checks and protected media for learner/admin workflows (React, Bun/Elysia, Supabase, R2).
- Contributed to Takid's landing page; earned Distinction as the top-performing Nautilus intern.

**Leader,** Google Developer Groups (GDG) on Campus University of Jeddah Present

- Lead 10 departments serving 160+ members.
- PR Co-Leader (10/2025): led 21 members, 7 events and 30+ partnerships.

**Website Testing Contributor – UJ Innovate Platform,** University of Jeddah 09/2025 – 10/2025

- Tested frontend/backend behaviour and logged defects before launch; received an appreciation certificate.

## PROJECTS

**Mueenak — Lead full-stack developer, King Abdulaziz Hospital (team of 4)**

- Designed the PostgreSQL schema and Express backend for prescription refills; overhauled patient/pharmacist UI/UX (EJS). Demo
- Led patient-data security and governance with role-based access, audit logging and retention policies.

**DocuPilot — Team lead and full-stack developer**

- Built software requirements specification (SRS) generation and document extraction with Gemini and Zod validation to structure requirements (Next.js, TypeScript). Demo
- Added Playwright interaction and responsive checks to verify prototype workflows.

**Behavior Compass — Sole full-stack developer (client project)**

- Delivered a 36-question client assessment by integrating the client's scoring API, PostgreSQL data models and Puppeteer PDF reports (Next.js, TypeScript). Live
- Implemented company/admin workflows with tenant-scoped data access and MFA.

## SKILLS

**Design & quality** (Data modelling, REST APIs, schema validation, Playwright, Git/GitHub, CI)

**Security & governance** (Role-based access control, MFA, audit logging, data retention)

**Languages** (TypeScript, JavaScript, SQL, Python, Java, HTML/CSS)

**Frameworks & tools** (React, Next.js, Tailwind, Node.js, Express, PostgreSQL, Supabase, Drizzle, Zod)

## EDUCATION

**Bachelor of Software Engineering,** University of Jeddah 2023 – Expected 2027
GPA: 4.88 / 5

**Advanced Bioinformatics Program,** KAUST Academy 10/2025 – 02/2026

## AWARDS

**First place, team achievement — DocuPilot,** AI Innovation Bootcamp, GDG & StartSmart

**Committee Excellence Award,** GDG on Campus University of Jeddah

## CERTIFICATIONS

McKinsey.org Forward (completed)

## LANGUAGES

- Arabic
- English