Hussam Qannam

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PROFILE

A **software engineer** and **full-stack developer** specializing in React and Next.js for frontend development, alongside Node.js and Express for backend solutions. having built over **15+ web projects** while continuously expanding my expertise in modern JavaScript technologies and engineering practices.

EDUCATION

King Saud University   08/2021 – 08/2025 | Riyadh
Bachelor's degree, Software Engineering
Cumulative **GPA: 4.98/5.0**

PROJECTS

Graduation Project: Munaseq - Event Management System ✏   12/2024 – present
- Munaseq simplifies educational events with 10+ tools for creation, feedback, messaging, and material access. Powered by AI, users can easily browse, join, and manage events, enhancing engagement and efficiency.
- Developed using Next.js, NestJS, and PostgreSQL with Prisma ORM for seamless event management.
- Created an engaging UI using Framer Motion, integrated AWS S3 for file storage, deployed with Docker and Digital Ocean, and set up an automated CI/CD pipeline and secure JWT authentication.

Soun – 2nd Place Winner, Healthon Cybersecurity Track ✏   05/2025
- **Soun** is a medical imaging platform for secure DICOM upload, viewing, and anonymization to protect patient data.
- Developed during a 72-hour health hackathon at King Saud University Medical City as a 3-person team.
- Built a full-stack MVP (FastAPI, Next.js, Pydicom, OCR, Cornerstone.js) and won **2nd place** out of **1,300+ applicants,** in the **Cybersecurity track**, earning **30,000 SAR**.

Basirah - 4th Place Winner, Elm Datathon ✏   11/2024
- Basirah is an AI platform that simplifies financial data, enabling smarter investment decisions under 5s.
- Utilized Next.js for a seamless user experience and integrated LangChain with Mixtral-8x22b and GPT-4o Mini models for real-time financial analysis.
- Achieved **4th place** at the Elm Datathon, earning **8,000 SAR** for innovation and impact.

SCC Portal - SCC Member & Registration Management System ✏   08/2024
- Led a team of 5+ developers to design and develop a bilingual (Arabic/English) website for the Social Cultural Club at King Saud University.
- Delivered a production-ready system with core functionalities like user authentication, a member control panel, and an admin dashboard, used by **100+ members**.
- Built the project using Next.js, Tailwind CSS, Framer Motion, next-intl, Zod, and Firebase.

AWARDS

2nd place at KSUMC's Healthon at the Cybersecurity Track   05/2025
King Saud University Medical City

4th place at Elm Company's Generative AI Datathon.   11/2024
Management Information Systems Club and Elm Company

Dean's Award for Academic Excellence.   12/2023
King Saud University

VOLUNTEER EXPERIENCE

Social Cultural Club
Technical Committee Leader with 150+ volunteering hours
- Conducted a workshop on GitHub and Git with 50+ attendance.
- Guided a web development program for 40 university students, fostering gradual and effective skill acquisition.

SKILLS

Web development, front-end, back-end, API Development, RESTful APIs, HTML, CSS, Tailwind CSS, JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, SQL, MySQL, PostgreSQL, ORM, Sequelize, MongoDB, ODM, Mongoose, Git, GitHub, Firebase, PHP, Java, Python, UI/UX, Figma, Agile, Scrum