Hussam Ahmed Qannam

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SOFTWARE ENGINEER, WEB DEVELOPER

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   Expected Aug 2025

King Saud University

Bachelor's degree, Software Engineering Cumulative **GPA: 4.98/5.0**

KEY PROJECTS - 15+ projects at [GitHub](#)

Graduation Project: [Munaseq](#) - Event Management System   Dec 2024
- Munaseq simplifies educational events with 10+ tools for creation, AI-driven assignments, feedback, messaging, and material access, 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.

[Basirah](#) - Elm Datathon AI Financial Analysis Partner   Nov 2024
- Developed 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](#) - Bilingual Member & Registration Management System   Aug 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.

[BaitGuard](#) - SDAIA Datathon Phishing Detector   Oct 2023
- An AI-powered web app that detects phishing attempts, trained on over 5,500 entries with a 96% accuracy rate, to protect users from digital threats.
- Developed at the 2023 SDAIA Open Data Datathon using machine learning, natural language processing, Flask (back-end), and HTML, CSS, and JavaScript (front-end) for real-time phishing detection.

ACHIEVEMENTS AND AWARDS

[Secured 4th at Elm Company's Generative AI Datathon.](#)   Nov 2024
Management Information Systems Club and Elm Company

[Received the Dean's Award for Academic Excellence, for top 5 students in the college.](#)   Dec 2023
King Saud University

[Participation in 2023 SDAIA Open Data Datathon](#)   Oct 2023
Saudi Data & AI Authority

VOLUNTEER EXPERIENCE

Technical Committee Leader at the Social Cultural Club with 50+ 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.

TECHNICAL SKILLS

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