

Summary

Passionate **Full-Stack Developer** with over **6 years of experience**. Began programming at **age 13** and developed a solid background in **modern JavaScript frameworks, real-time systems, and cross-platform applications**. **Founder of the productivity startup Risha** and **creator of the UI framework ShadowJS**, with **multiple award-winning projects** recognized internationally.

Technical Skills

- Languages:
- JavaScript, TypeScript, Python, C++
- Frontend:
- HTML, CSS, Tailwind CSS
- Frontend Frameworks:
- React, Next.js, Solid, Qwik, Svelte, Astro
- Frontend Libraries:
- Jotai, React Query, Zod
- Mobile Development:
- React Native, Expo
- Backend:
- Node.js, Bun, Express, Fastify, Socket.io, tRPC
- Databases:
- Firebase, Convex, MongoDB, Redis
- DevOps & Tools:
- Git, Docker, Vite, Bash
- Platforms & Services:
- Clerk, Electron

Projects

- **Risha** – A free writing and productivity app for focused daily work.
- **ShadowJS** – A lean UI framework with fine-grained reactivity and a direct API.
- **Jehaad Studio** – A personal photography and filmmaking space shaped like a visual journal.
- **Deepbox** – A TypeScript toolkit for AI, data work, and numerical computing.

Awards & Honors

- **2025** – Gold Medal with Honors at International Exhibition of Inventions Geneva
- **2024** – Gold Medal at International Invention, Innovation & Technology Exhibition (ITEX)
- **2024** – First Place in the Gulf Hackathon for AI in Education 2024
- **2024** – First Place in the Riyadh Region in Watani Competition
- **2023** – Best Engineer Award in the Professionals Category at Future Science Challenge
- **2025** – Thailand Award for the Best International Invention & Innovation by the National Research Council of Thailand (NRCT)
- **2025** – Special Award by the Indonesian Invention and Innovation Promotion Association (INNOPA)
- **2023** – Munafis Award 2023
- **2026** – Munafis Award 2026
- **2023** – Third Place in SaudiChatGPT Hackathon
- **2022** – Silver Medal in Kangaroo Mawhiba Math Competition 2022
- **2025** – Silver Medal in Kangaroo Mawhiba Math Competition 2025
- **2023** – Bronze Medal in Bebras Mawhiba Informatics Competition 2023

Volunteer Experience

- **Trainer, Web Development Bootcamp** - Tuwaiq Academy
- **Instructor, Web Apps Challenge** - Tuwaiq Academy
- **Founder & Lead Instructor, Web Development Club & Bootcamp** - Manarat Al-Riyadh Schools

Education

King Abdulaziz University

- Bachelor of Science in Computer Science (Class of 2030)

Manarat Al-Riyadh Schools

- High School, Computer Science & Engineering Path (2023 – 2025)
- High School, General Studies (2022 – 2023)

University of California, Berkeley – Summer Program (2024)

- Data Mining in Health; VEX Robotics (Mawhiba Ambassadors Program)

King Abdulaziz University – Summer Programs

- Data Science and Artificial Intelligence (2023)
- Cryptography (2022)

Languages

- **Arabic** - Native
- **English** - Fluent