# JEHAAD AL-JOHANI

Computer Science Student | Full-Stack Developer

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## 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 productivity & writing app
- ShadowJS A fast and minimal UI framework with fine grained reactivity.

## **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
- 2023 Munafis Award 2023
- 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 Tuwaig 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)

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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