

# JEHAAD ALJOHANI

Computer Scientist | Full-Stack Developer

Jeddah, Saudi Arabia

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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.

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## 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.
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## 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
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## **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