

# YOUSSEF CHEHAB

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## EDUCATION

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### Lebanese American University

*Bachelor of Science in Computer Science*

Sep. 2022 – May 2025

*Beirut, Lebanon*

### Rafic Hariri High School

*Lebanese Baccalaureate in General Sciences*

Sep. 2007 – June 2022

*Saida, Lebanon*

## EXPERIENCE

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### ITXI

*Frontend Engineer*

June 2025 – Present

*Beirut, Lebanon — Full-time*

- Lead frontend development of ITXI's flagship AI Agent platform using React, TypeScript, and Vite, building a scalable and responsive web interface.
- Designed and implemented multi-tenant widget systems with dynamic configurations, theming, and analytics integration.
- Engineered real-time conversational interfaces supporting OpenAI Realtime API and Gemini socket connections, with voice detection, canvas interactions, and Lottie animations.
- Integrated Firebase Authentication, Firestore, and Cloud Functions for secure, state-persistent user sessions and real-time data synchronization.
- Developed Playwright E2E and Jest unit tests to ensure code reliability and CI/CD compatibility across major components.

### Unfrgtn

*Founder & Full-Stack Developer*

June 2020 – Present

*Remote — Self-Employed*

- Founded and built a full-stack Web3 platform on Solana, growing it to 50,000+ users and serving as NFT verification infrastructure for 300+ external projects.
- Built and maintained a suite of products: wallet-gated dashboard, admin panel, Task2Earn engine, and an NFT collection launchpad.
- Architected the backend using Node.js, Express, and MongoDB with Solana Web3.js for on-chain reads and wallet authentication.

### ClaimRBX

*Founder & Full-Stack Developer*

2023 – Present

*Remote — Self-Employed*

- Built and scaled a Roblox rewards platform to 350,000+ registered users and 3,000+ monthly actives.
- Architected the full stack using Next.js, Node.js, Express, and MongoDB with Cloudflare for edge performance and DDoS protection.
- Implemented reward distribution, user authentication, a content blog, and a moderation layer; managed CI/CD via GitHub Actions.
- Integrated Google Ad Manager for display ad monetization, optimizing ad placements and yield across high-traffic pages.
- Managed SEO strategy using Google Search Console — optimized metadata, structured data, and sitemaps to improve organic search visibility and indexing.

## PROJECTS

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### Football Academy Management System | *Next.js, MongoDB, Node.js, ShadCN*

2023 – 2024

- Designed and developed a full-stack web application to streamline football academy operations — scheduling, player records, authentication, and optimized database schemas. Live at [rharaty.com](https://rharaty.com).

### PixiTools | *JavaScript, HTML/CSS, Browser APIs*

2024

- Built an all-in-one browser-native image toolkit where every tool runs fully client-side with no uploads and no server. Live at [pixitools.tools](https://pixitools.tools).

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, Java, C#, C++, C, Lua, SQL, HTML/CSS

**Frameworks:** React, Node.js, Next.js, Vite, Express.js, MongoDB, Firebase

**Developer Tools:** Git, AWS, Docker, Cloudflare, VS Code, CI/CD (GitHub Actions, Bitbucket Pipelines)

**Libraries & UI:** Tailwind CSS, ShadCN, Chakra UI, Material UI, Lottie, Framer Motion

**Testing & Automation:** Jest, Playwright, Postman