

# Ahmed Alforjani

## Software Engineering

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### Summary

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Senior Full-Stack & Blockchain Engineer architecting scalable web platforms and decentralized systems. Experienced in delivering production-grade products across Web2 and Web3 environments, combining backend architecture, modern frontend engineering, and smart contract development. Strong focus on clean system design, performance, security, and long-term maintainability.

### Professional Experience

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#### **Zi-Lab Technologies. Riga, Latvia (Remote)**

**06/2022-Present**

##### **Web & Blockchain Developer**

Design and develop smart contracts and decentralized applications for Web3 and DeFi products. Lead the integration of blockchain logic with modern frontend frameworks while building backend services that support on-chain interactions. Contribute to architecture decisions, smart contract deployment, testing, and security preparation. Collaborate with distributed teams to deliver production-grade blockchain solutions used by global clients.

#### **Esnadcom. Tripoli, Libya**

**08/2018-Present**

##### **Full-Stack Web Developer**

Architect and develop enterprise-level web systems for educational institutions, including complete Student Management Systems (SMS), CMS platforms, and administrative portals. Lead backend API development using Laravel and relational databases, while building responsive frontend applications with Vue.js and modern JavaScript frameworks. Oversee deployment, server configuration, and system optimization to ensure scalability and reliability across multiple university branches.

#### **Ceramic. Tripoli, Libya**

**06/2021-12/2021**

##### **Frontend Developer (Part-Time)**

Developed responsive, data-driven interfaces for institutional platforms, focusing on performance, usability, and seamless API integration within a collaborative development environment.

### Languages

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Arabic - Native

English – Intermediate

### Education

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University of Tripoli - Tripoli, Libya

**Bachelor of Information technology, major in Software engineering, GPA (3.33 out of 4)**

**2015-2019**

### Technical Skills

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Frontend: React.js, Next.js, Vue.js, Nuxt.js, TypeScript, TailwindCSS

Backend: Node.js, Laravel (PHP), REST APIs

Blockchain: Solidity, Smart Contracts, Web3 Integration

Databases: PostgreSQL, MySQL, MongoDB

Infrastructure: Linux, Nginx, Docker, Git

## Main Projects

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- **DriftZone – Telegram Mini App Game** - Engineered a real-time multiplayer Telegram game serving 300,000+ users. Built scalable backend infrastructure, integrated Telegram Stars payments, and implemented crypto token airdrop mechanics.
- **University of Zintan & Libyan Academy for Postgraduate Studies** – Designed and delivered fully integrated academic ecosystems including public websites, CMS platforms, and Student Management Systems handling academic operations, enrollment, and reporting.
- **Pinky Finance (Web3 Marketplace)** – Developed smart contracts and decentralized marketplace logic enabling crypto-based purchases with automated digital delivery.
- **Skina & Libozzle** – Developed scalable booking and e-commerce platforms with product management, scheduling systems, and payment integration.
- **ClassHub (Learning Management System)** – Built LMS platform adopted by the Faculty of Information Technology at the University of Tripoli for remote education during COVID-19 and continued academic use.