

# Anas Ismail

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## EXPERIENCE

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### Mercury Sols

Aug. 2025 – Feb. 2026

Associate Team Lead / Full Stack Engineer

Hybrid

- Spearheaded a cross-functional team of **5 developers** to successfully deliver **6+ enterprise-grade projects** within a high-pressure 3-month timeline.
- Architected **distributed, fault-tolerant systems** using **Typescript/OTP** to ensure 99.9% uptime for high-concurrency applications.
- Implemented **LLM Orchestration** workflows, fine-tuning open-source models (qwen/llama) for specialized domain-specific tasks.
- Orchestrated multi-cloud deployments across **AWS (EC2, Lambda)** and bare-metal VPS, utilizing NGINX for load balancing and reverse proxying.

### Codesinc

Apr. 2024 – Apr. 2025

Full Stack Developer

Rahimyar Khan, PK

- Engineered high-performance Single Page Applications (SPAs) using **React.js and Next.js**, optimizing for Core Web Vitals and SEO.
- Designed and documented **RESTful microservices** with Node.js/Express, leveraging **Redis** for distributed caching to reduce latency by 40%.
- Integrated **Real-time Bidirectional Communication** via WebSockets (Socket.io) for live data streaming and collaborative features.
- Standardized DevOps workflows by implementing **CI/CD pipelines** with GitHub Actions, reducing deployment errors by 25%.

### Freelance

Oct. 2023 – Present

Full Stack Developer

Remote

- Partnered with international clients to architect and deliver scalable, high-performance web applications and APIs from conception to production.
- Engineered cloud-native infrastructures and containerization strategies to ensure seamless horizontal scaling and fault tolerance across diverse hosting environments.
- Optimized complex business workflows through the development of robust backend systems, integrating automated data processing and specialized API endpoints.

## PROJECTS

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**Sledge** | *Next.js, Python, AWS Lambda, LLMs*

2025

- Developed a **Serverless SaaS** platform for construction firms to automate accounts payable workflows and invoice management.
- Built an **AI-powered OCR engine** using Python and LLMs to parse unstructured PDF data with 98% accuracy, syncing data with **QuickBooks and Xero** APIs.

**Path Tennis** | *React, Node.js, Web Scraping, PostgreSQL*

2025

- Architected a **Centralized Data Aggregator** that automates tournament data extraction from global tennis federations via headless browsers.
- Engineered a hierarchical dashboard system for Coaches, Parents, and Players to track activity and receive **automated tournament recommendations**.

**Ruvo** | *Fintech, Crypto-Settlement, Pix Integration*

2024

- Contributed to a high-security **Cross-border Fintech platform** enabling instant USD/Crypto to BRL conversion via Brazil's **Pix payment system**.
- Implemented secure transaction ledgers and real-time exchange rate monitoring to facilitate low-latency financial settlements.

**Flowchain** | *ERP, Kanban, NestJS, PostgreSQL*

2024

- Designed a custom **Enterprise Resource Planning (ERP)** system focused on internal task orchestration and project management.
- Integrated an **Event-Driven Kanban board** and automated scheduling triggers to improve team operational efficiency.

## EDUCATION

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**Khawaja Fared University of Engineering and IT**

Expected 2027

*Bachelor of Science in Software Engineering*

Rahimyar Khan, PK

- **Current CGPA:** 3.65/4.00
- **Core Concentration:** Distributed Systems, Cloud Computing, Database Optimization, and Software Design Patterns.

## SKILLS

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**Languages** : JavaScript (ES6+), TypeScript, Python, Elixir/Erlang, Go, C++, SQL (PostgreSQL, MySQL, Cassandra)

**Frameworks** : React, Next.js, SvelteKit, NestJS, Node.js, Express, Socket.io, Tailwind CSS, Angular

**Cloud & DevOps** : AWS (Lambda, S3, EC2), Docker, Docker Swarm, NGINX, GitHub Actions, Redis, cPanel, Linux Admin

**Specialized** : LLM Fine-tuning, OCR/Document AI, Serverless Computing, Distributed Consensus, REST/GraphQL APIs