

Ezz Abuzaid

Software Engineer

 Amman, Jordan
  ezzabuzaid@gmail.com
  07 9280 7794
  ezz.sh
  ezzabuzaid
 ezzabuzaid

Summary

Self-taught builder with 8 years shipping production software and 2 years building AI agents and LLM applications. Created multiple open-source frameworks from scratch including DeepAgents (agent orchestration), SDK-IT (SDK generation), and Serverize (container platform). Track record of rapidly turning ideas into working systems - from parsers and compilers to RAG pipelines and multi-agent architectures.

Projects

DeepAgents

July 2025 – present

TypeScript-native AI agent framework designed to be batteries-included

- Implements agent handoffs inspired by OpenAI Swarm for orchestrating multi-agent systems
- Context engine for token estimation, compaction strategies, and structured system prompts
- Includes retrieval package with sqlite-vec for vector search and multi-source connectors (GitHub, RSS, files)

Proposal Generator Agent

Jan 2024

Agentic workflow for business proposal drafting

- Human-in-the-loop design where users select context, AI drafts, users comment, AI refines
- Multi-turn agent with iterative feedback loops
- Harvests user-provided files to learn tone, design, and style

Text2SQL Agent

Oct 2025

AI agent that converts natural language queries to SQL

- Converts natural language to valid SQLite queries with parser validation
- Supports drawing various charts from query results
- Creates domain-specific agents through table/view filtering

SDK-IT

Jan 2024 – present

Developer tool for SDK generation and OpenAPI automation

- Generates type-safe SDKs from OpenAPI specs and OpenAPI specs from TypeScript code
- First-party React Query integration for frontend data fetching
- Isomorphic design enables backend integration testing

Serverize

Jan 2024 – present

Self-hosted container platform for development deployments

- Auto-generates Dockerfiles by analyzing codebase configuration
- Supports 7+ frameworks including Next.js, Nuxt, Astro, and FastAPI
- Secure secrets management with encrypted environment variables

Experience

Senior Software Engineer , Kortext – Contract - Remote EdTech platform for digital learning	Oct 2021 – present
<ul style="list-style-type: none">Utilized TypeScript Compiler API to accelerate Angular upgrades via automatic migrationsImplemented and engineered the UX of Kortext AI chatbotRestructured monolithic monorepo into domain-based architecture for team scalabilityDrove technical improvements through written proposals and RFC processCollaborated with QA, product managers, and designers to deliver features and resolve cross-functional issues	
Senior Software Engineer , Equiti Group – Amman, Jordan International CFD Forex broker	Mar 2019 – Oct 2021
<ul style="list-style-type: none">Built Front-End CRM from scratch using Angular.Contributed to converting monolithic .NetCore project to microservices using Node.js and .Net 5 with gRPCUtilized Node.js to send RabbitMQ messages to browser via SSEHandled stock data streams using reactive programming (RxJS and Rx.NET)Established CI pipelines in Azure DevOps for Angular, Node.js, .NetCore, and FlutterWrote automated tests in JavaScript and C# for product quality and stability	
JavaScript Engineer , NoventApp for Business Solutions – Amman, Jordan	Jan 2017 – Mar 2019
<ul style="list-style-type: none">Built food delivery application from scratch using Node.js, TypeScript, and AngularIntegrated Firebase Realtime-Database for live driver location tracking	

Education

Al-Balqa Applied University - Faculty of Engineering , BS in Computer Engineering – Amman, Jordan	Sept 2016 – June 2020
---	-----------------------

Languages

Arabic: Native

English: Full Professional Proficiency

Skills

AI/ML: LLM Applications, RAG Systems, Agent Architectures, OpenAI API, Vercel AI SDK

Languages: TypeScript, C# and Dart.

Backend: Node.js, .NetCore, gRPC, Prisma, PostgreSQL.

Frontend: React, Angular, RxJS, PWA, SSR.

Infrastructure: Docker, GCP, Azure DevOps, CI/CD, Firebase.