

ABDERRAHMEN BRINIS

Senior Software Engineer | Web3 Developer | Backend Specialist

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Blockchain: [BSC Testnet Account](#)

Professional Summary

Senior Software Engineer with over 7+ years of experience, specializing in Web3, blockchain technologies, and full-stack web development. With a keen visionary outlook, I excel in developing secure Dapp platforms, implementing smart contracts, and building scalable backend solutions that lead the way in technological innovation. An expert in microservices architecture and blockchain integration, I also have substantial experience in gaming and XR development, constantly pushing the boundaries to transform industry norms and drive forward visionary projects.

Core Competencies

- Web3 & Blockchain Development
- Smart Contract Development
- DeFi Protocol Implementation
- Full Stack Engineering
- Microservices Architecture
- Performance Optimization

Professional Experience

Gulf Software & Technology LTD | Senior Software Engineer

Istanbul, Turkey | June 2022 - January 2025

- Led development of the shares Platform (gulfcryptobankshares.com)
- Management of the GCBex trading Platform (GCBex.com)
- Engineered secure trading systems with automated market making
- Developed and maintained ticketing system integration
- Created market making bot and custom trading solutions

SparklingBit | Software Engineer

Germany | June 2021 - May 2022

- Worked under Nickelodeon supervision on gaming projects
- Managed cross-team collaboration with Ultrabit and Kongregate
- Developed and maintained scalable web services that supported real-time multiplayer game features
- Led the initiative to adopt modern web technologies such as WebSockets for real-time communication in gaming applications

Lanterns Studios | Virtual Reality Software Engineer

Tunisia | December 2019 - September 2021

- Developed and maintained robust backend systems to support high-volume web applications.
- Implemented secure API services to enhance communication between client-side applications and server-side processing.
- Designed database schemas and performed optimizations to ensure efficient data retrieval and scalability under load.
- Collaborated with front-end developers to integrate APIs with dynamic, user-facing features.
- Utilized modern web technologies to ensure high performance and responsiveness of the backend infrastructure.

Technical Skills

Architecture & Engineering

- Microservices Architecture
- Event-Driven Design
- System Design Patterns
- API Design & Development
- UML/Software Design & architecture

Backend Development

- Node.js/Express/NestJS
- PHP
- MongoDB/MySQL
- GraphQL/REST API Design
- WebSocket Implementation
- CI/CD Implementation

Blockchain & Web3:

- Smart Contract Development(Solidity)
- Web3.js/Ethers.js
- Token Standards (ERC20, ERC721, ERC1155)
- Gas Optimization
- Wallet Integration

Database & Cache

- MongoDB (Aggregation, Indexing)
- MySQL/PostgreSQL
- Database Optimization
- Data Modeling

Languages & Frameworks:

- JavaScript/TypeScript/React.js
- Solidity
- C#,Python,JAVA,C++
- HTML,CSS,JSON,XML
- SQL,PL/SQL

Security & Performance:

- OAuth2/JWT Implementation
- Rate Limiting
- Load Balancing
- SQL Injection Prevention
- Performance Optimization

Education

Master's Degree in Computer Software Engineering

Higher Institute of Applied Science and Technology of Sousse

2012 - 2017

Notable Projects

Pagol.AI Platform

- Innovative AI agent generator with dynamic monetization capabilities and instant deployment via Insta AI Hosting button.
- Advanced ecosystem leveraging server-side rendering for optimal performance and nuclear API interactions.
- Robust Node.js/Express backend for scalable, efficient application handling with modular design direction.
- State-of-the-art automated content generation system, enhancing digital experiences with a rewarding system for creators based on API or AI usage.

Atlas Integration Project

- Engineered Solidity smart contracts for efficient blockchain deployment.
- Developed backend services to enhance blockchain data processing.
- Implemented secure API gateway for seamless system integration.
- Prepared front-end setups with map tech and core features, including backend queries, and guided the front-end team using Trello.

Kumite Blockchain Fighting Platform

- Developed comprehensive Solidity smart contracts for a fully functional blockchain-based fighting game platform.
- Created user-specific wallet systems, enabling seamless cryptocurrency transactions and token management.
- Designed and integrated backend services using Node.js, ensuring robust data processing and system interconnectivity.
- Implemented responsive front-end interfaces using EJS, CSS, and JavaScript frameworks, optimized for both mobile and PC users.

Bulk Token Distribution System

- Efficient distribution mechanisms
- Batch processing optimization
- Advanced monitoring systems
- Security implementation

Languages

- English (Professional)
- French (Professional)
- Arabic (Native)