

# Sajjad Abdulkareem Mohsin

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## Profile

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Software Developer with 8 years of experience in web application development, blockchain technology, artificial intelligence, and mobile applications. Passionate about learning new technologies and delivering high-quality, scalable solutions.

## Education

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**Basrah University**, Master of Science (MSc) in Computer Science and Information Technology – Basrah, Iraq 2025

- Thesis: Enhancing Intellectual Property Management through Blockchain Technology and Smart Contracts
- Research Publication: [A Review of Blockchain Based Solutions for Intellectual Property Rights Protection and Management](#)

**Shatt Al-Arab University**, Bachelor of Science (BSc) in Computer Science – Basrah, Iraq 2021

## Experience

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**Software Developer**, Freelance – Basra, Iraq 2018 – present

- Backend development **Laravel**, **CodeIgniter 3/4**, and **MySQL**.
- Frontend development **React.js** for single-page applications.
- Developing Backend systems and RESTful APIs using **Laravel** and **CodeIgniter4**.
- CMS Building and managing **WordPress** websites.
- **AI Data Science** and **Machine Learning** solutions.
- Mobile apps **Flutter**, **Kotlin**, and **Ionic**.
- Blockchain **Smart contracts** and decentralized solutions.
- Automation **Telegram Bots**.

**IT Instructor**, **General Company for Ports of Iraq**, General Company for Ports of Iraq (IT Department) 2019

- Delivered a specialized Web Design and Front-end training course for IT staff.

## Projects

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### Web Application for IP Blockchain & AI

A comprehensive platform for IP rights management using Ethereum for ownership transfer and AI for content similarity detection.

### Web Application for Truck Management System

Logistics system for tracking of truck entries in Iraqi ports.

### AI Emotion Recognition Suite

Speech and face emotion detection using CNN, LSTM, and TESS dataset.

### Oil Prediction & Analysis

Machine Learning system for oil price prediction in the energy sector.

### **Web Forms & Booking Portals**

Includes Investor Application Forms and Doctor Booking portals.

### **Educational Systems**

Includes Classroom Reservation (Graduation Project) and Lecture management systems.

### **Telegram Bot Solutions & BasraJobs**

Automated bots and API-integrated services.

### **Point-of-Sale (POS) System**

2025 – present

Scalable web-based POS for retail sales and inventory tracking.

## **Skills**

**Programming Languages:** JavaScript, TypeScript , PHP, Python, SQL, C#, Kotlin, Dart, Java, C ,C+ + , node js, Solidity

**Web Development:** HTML5, CSS3, Bootstrap ,React.js, Laravel, CodeIgniter 3/4, Node.js, WordPress

**Mobile Development:** Flutter, Android Studio (Kotlin/Java), Ionic

**AI & Blockchain:** Machine Learning, Anaconda, Google Colab, Jupyter Notebook, Deep Learning, Smart Contracts, DApps, Ethereum

**Tools & Practices:** Git, GitHub, RESTful APIs, MVC, Single Page Application(SPA),Docker, Clean Code, Project Planning

## **Languages**

**Arabic:** Native

**English:** Good