

# Sajjad Abdulkareem Mohsin

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👤 sajjadAbdulkareem

## Profile

Hi, I'm Sajjad, a software developer from Basra. I've 8 years of experience in this field and have worked in web application development, blockchain technology, artificial intelligence, and mobile applications. I'm passionate about learning new technologies and delivering high-quality solutions.

## Education

- 2025 **Basrah University**, Master of Science (MSc) in Computer Science and Information Technology – Basrah, Iraq
- 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](#)
- 2021 **Shatt Al-Arab University**, Bachelor of Science (BSc) in Computer Science – Basrah, Iraq

## Experience

- 2018 – present **Software Developer**, Freelance – Basra, Iraq
- Backend development **Laravel**, **CodeIgniter 3/4**, and **MySQL**.
  - Frontend development **React.js** for single-page applications.
  - CMS Building and managing **WordPress** websites.
  - Mobile apps **Flutter**, **Kotlin**, and **Ionic**.
  - AI **Data Science** and **Machine Learning** solutions.
  - Blockchain **Smart contracts** and decentralized solutions.
  - Automation **Telegram Bots**.
  - Productivity **Custom libraries** and **CRUD Generators** to speed up development

## Projects

### 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.

### **2025 – present Point-of-Sale (POS) System**

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

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## **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, SPA Architecture, Clean Code, Project Planning

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## **Languages**

**Arabic:** Native

**English:** Good