

# Mohamed Ashraf Al-Mahlawi

Backend Node.js developer

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## Experience

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### KafaratPlus (SA)

Aug. 2025 - Now

*Software Engineer - Back-end Node.js Developer*

- **Contributed** to the development and maintenance of enterprise-grade backend infrastructure for a leading automotive services technology platform serving the Saudi Arabian market.
- **Built** scalable fleet management software, real-time order management systems, geospatial-based provider matching, inventory management solutions, and secure payment processing.

### Echo Media (KWT) [part-time]

Jun. 2025 - Aug. 2025

*Back-end Node.js Developer*

- **Improved** and extended a Node.js-based platform integrating WhatsApp API to streamline influencer campaign management and client communication.
- **Designed** and delivered new features, including advanced contact handling, automated message scheduling, and real-time campaign integration.

### Lex Intelligence Solutions [part-time]

Jun. 2025 - Aug. 2025

*Instructor and Trainer*

- **Instructed** in-person backend and database development courses for computer science students.
- **Provided** practical, project-based learning focused on server-side programming, API design, and database management using industry-standard tools.

### 5Aparts Limited (UK)

Jun. 2024 - Jul. 2025

*Back-end Node.js Developer*

- **Collaborated** closely with clients to gather and document system requirements and design the system.
- **Developed** AMS portal integrated with **HMRC UK** for companies' data, account submission, and VAT registration.

### Watanya (EG)

May. 2023 - Jun. 2024

*Software Engineer*

- **Shared** in developing the backend of high-scale applications for automated Egyptian fee stations (**Ticketing, Subscriptions**).
- **Contributed** to the backend powering smart systems (Smart Stations, Smart Wallet) of stations "**Zahraa Nasr City**" and "**Al-Maskan**" bus stations.

## Education

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### Bachelor's Degree in Computer Science and Information

Sept. 2018 – Jul. 2022

- Faculty of Computer Science and Information Technology, Menoufia University.

### Egypt FWD Scholarships (Udacity Nano-Degrees)

- Professional & Advanced Web Development Nanodegree Programs  

## Projects

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### **Kafarat Plus, Website and Mobile App** (Live Demo )

- Innovative platform delivering integrated car maintenance solutions , reliable, and convenient experience for individuals and fleet operators alike..

### **Fleet Plus Management System** (Live Demo )

- Advanced digital platform for comprehensive fleet expense management, offering intelligent control over fuel, maintenance, and vehicle services across Saudi Arabia service providers.

### **Alfaaizoon School Website** (Live Demo )

- Educational and Management platform for Al-Faizoon Islamic Education School. experience for users.
- Developed the back-end Features and deployed the website on Hostinger VPS.

### **Mybudgetstuff website** ( Live Demo ) :

- A website for hiring people in many fields for UK clients.
- Developed the back-end, third-party integrations and deployed the website on Ionos VPS.

### **Diva Store Online Shopping** ( Live Demo ) :

- **Built** a dashboard for admin with management of products, categories, orders, addresses and user rules...etc
- API integration with **J&T EXPRESS**  for orders creating, shipping, tracking, printing...etc
- **Developed** React, Node.js, Express, MongoDB.

### **Storefront-Backend API** :

- E-store Restful API Manages the operations of market products, users, and the selling process.
- **Developed** using **JavaScript, TypeScript, Node JS, Express, JWT, Jasmin ( Testing ) and PostgreSQL.**
- **Deployed** using GitHub, integrated CircleCI pipelines and hosting on AWS EC2 instances.

## Skills

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- JavaScript, TypeScript, ES6, Node.js, Express.js, Zod, Joi, Jest, Redis.
- Restful APIs, Testing, Validation, Algorithms, Data structures, SOLID, Design Patterns
- Microservices,Caching, Deployment, CI/CD, Nginx, VPS, Cpanel, Plesk panel.
- OOP, ORM, MongoDB, MySQL, PostgreSQL, SQL Server.
- Postman,Swagger, Git, GitHub, Linux, Nginx VPS, Notion, Trello, IIS, SSMS, AI tools.