

Mohammad Firas Ayman Alnahhas

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PROFESSIONAL SUMMARY

Senior Backend Engineer with strong experience in scalable systems, microservices, and cloud platforms. Proven track record in building high-performance backend services, data pipelines, and internal platforms. Skilled in backend development, cloud infrastructure, and distributed systems.

PROFESSIONAL EXPERIENCE

Senior Software Engineer (Backend) – Carsome (2025/04/01 – Present)

- ✓ Spearheaded the cross-linking system between ICarAsia and Carsome listings, handling complex data mapping between the two companies to ensure synchronized and accurate vehicle data.
- ✓ Delivered the Offer Validity feature, enforcing a 48-hour expiry window for offers in "pending acceptance" status, and ensuring smooth user transitions post-expiry with options to proceed, bid, or reject.
- ✓ Designed and implemented the backend service for the Carsome Command Center, an internal operation platform which enables the company to manage and organize car inspection workflows for customer inspections and vehicles, ensuring reliable process coordination and data integrity.
- ✓ Drive code quality and maintainability by conducting code reviews for peers and collaborate with cross-functional teams to participate in and lead technical design discussions.

Software Engineer (Backend) – ICarAsia & Carsome (2023/09/01 – 2025/04/01)

- ✓ Led the development of the cross-posting feature that integrates listings from ICarAsia to publish them on both WapCar and AutoFun Indonesia, enabling unified listing publication across multiple platforms.
- ✓ Actively contributed to the backend development of BuyerTool, Carsome's internal C2B platform used by specialized departments to evaluate and purchase vehicles from individual sellers.
- ✓ Implemented the B2C module within BuyerTool, enabling the B2C team to assess and decide on inventory purchases after the C2B acquisition phase—streamlining the internal handoff process.

Full-Stack Developer – Triphie (2022/02/01 - 2022/10/01 Part Time) (2022/10/01 – 2023/07/01 Full Time)

- ✓ Worked as a Full-Stack Developer, responsible for handling both front-end and back-end development tasks across a wide range of product features.
- ✓ Collaborated closely with my lead to develop a Data Pipeline Service—a dynamic tool designed to collect, clean, and store website data from multiple sources, supporting data operations across all countries.
- ✓ Co-developed the TripBuilder Tool, a feature that generates personalized travel itineraries automatically based on user inputs such as destination, duration, and preferences.
- ✓ Actively contributed to full-stack tasks, addressing feature tickets, bug fixes, and enhancements to ensure smooth platform functionality and scalability.

AI R&D Specialist – Syriatel (2021/05/23 – 2022/10/01)

- ✓ Conduct research and develop state of the art of Artificial Intelligence solutions.
- ✓ Conduct regular research related to ICT (Information & Communications Technology) domain and stay abreast with latest related technology, techniques and methods.
- ✓ Develop the model (product or service) resulted from Research function of R&D process.
- ✓ Enhance the model (product or service) resulted from R&D process as per request.
- ✓ Use network data to propose optimal Data Science solutions.

CORE SKILLS

- Backend: Golang, Node.js (NestJS, Express), PHP
- Frontend: Vue.js, JavaScript
- Cloud: AWS, Google Cloud
- Databases: MySQL, MongoDB
- DevOps: Docker, Kubernetes
- AI: Python
- Version Control: GitLab, GitHub, Bitbucket
- Scalable Systems Architecture
- Serverless Architectures & Event-Driven Systems
- Data Streaming & Event Sourcing (Kafka, Debezium)
- Change Data Capture (CDC) Mechanisms
- Microservices Design & Optimization

- CI/CD Pipelines: Jenkins, GitLab CI/CD

PROFESSIONAL CERTIFICATIONS

- AWS Cloud Technical Essentials
- AWS Fundamentals: Addressing Security Risk
- AWS Fundamentals: Migrating to the Cloud
- AWS Fundamentals: Building Serverless Applications
- Google Cloud Fundamentals: Core Infrastructure
- Developing a Google SRE Culture
- Docker for Absolute Beginners
- Introduction to Containers with Docker, Kubernetes & OpenShift
- Fundamentals of Kubernetes Deployment
- Linux Cloud and DevOps
- Version Control (Meta)
- Terraform Fundamentals
- Jenkins: Bootstrap and Configure Real Team Environment
- Jenkins Pipeline: Declarative and IaC Approaches
- Claude Code – The Practical Guide
- Introduction to Terraform

➤ And many others, for more details visit my website: [Website](#)

SELECTED PROJECTS

- Triphie – Trip planning platform
- NLP Systems: Sentiment Analysis, Topic Modeling
- Computer Vision: Fingerprint Recognition
- Data Science: Prediction Models (Regression & Classification)
- IoT: Fuel Management System

EDUCATION

- BSc in Software Engineering – Syrian Private University

LANGUAGES

Arabic (Native), English (Fluent).