

# SAMER GASSOUMA

## SoftwareEngineer | AI&SystemsDeveloper | Startup Founder

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### SUMMARY

Software Engineer with hands-on experience building production systems, AI-powered applications, and startup platforms. Founder of a backend automation startup and lead developer of an intelligent transport system delivered to a private company. Strong background in backend engineering, system design, real-time systems, and applied AI. Currently pursuing a Master's inBig Data & Data Science.

### PROFESSIONAL EXPERIENCE

Founder & Software Engineer — Glitch Inc (BackendGlitch) 2024 – Present | Startup (launch planned in coming months)

- Founded Glitch, a startup developing BackendGlitch, a SaaS platform for automated backend generation and deployment.
- Designed the core system architecture and backend orchestration workflow.
- Building AI-assisted services for backend code generation, configuration, and deployment automation.
- Leading technical development, from product design to system implementation.

Software Engineer / AI Developer — STE Dhraïf Services Transport (Wasla Project) 2025 |Contract / Project-based

- Designed and built Wasla, an intelligent transport management system for station operations.
- Developed backend services and real-time modules for queue and booking management.
- Implemented AI components for vehicle detection and license plate recognition.
- Deployed and integrated the system in real operational environments.

Junior Game Developer — Herodot Studio, Ariana, Tunisia July 2025 – August 2025 (2 months)

- Integrated into agile workflow on Knights of Voloria, implementing core gameplay features in Unity and C# to enhance player engagement.
- Collaborated with design team to define user experience, adapting rapidly to new tools like HDRP and frameworks for optimized visuals.

### PROJECTS

AEON — Educational MMO with Blockchain Integration (Final Year Project) 2024 – 2025

- Designed full-stack MMO integrating AI-generated STEM quizzes, multiplayer arena combat for 50+ concurrent users, and token-based trading economy.
- Implemented ERC-20 smart contracts and MetaMask integration to reward educational achievements with real-value AEON tokens.
- Optimized WebSocket networking for seamless sync, reducing latency by 40% in playtests and creating economic value through blockchain rewards.

### EDUCATION

Master's Degree — Big Data & Data Science (Ongoing) 2025 – Present  
Horizon University,Sousse,Tunisia

Bachelor's Degree in Computer Science (Software Engineering) 2022 - 2025  
Faculté desSciencesdeMonastir(FSM),Tunisia

Baccalaureate in Computer Science 2021-2022  
Lycée Bourguiba, Monastir, Tunisia

### TECHNICAL SKILLS

Languages: JavaScript, Python, Rust, C++

Backend: Node.js, Express, Actix (Rust), REST APIs, WebSockets, Microservices

AI & Data: Computer Vision, OCR, Data Processing, Model Integration

Databases: PostgreSQL, SQL, Prisma

DevOps: Docker, Linux, Cloud Deployment

Frontend: React, Next.js

Game/3D: Unity, Unreal, Bevy, Blender

### HACKATHONS & ACTIVITIES

- 1st Place — EPI SUP Global Game Jam (2024)
- Global Game Jam Tunisia, PolyGame Jam, Hackathon 2.0, AIESEC Hackathon
- Active in startup prototyping, AI systems, and real-time applications

### ADDITIONAL INFORMATION

Languages: English (Fluent), Arabic (Native), French (Intermediate)

#### CERTIFICATIONS& AWARDS:

- IELTS Academic, B2(Band 5.5), October 2025
- Data Structures and Algorithms Specialization, Coursera, 2023
- Game Development with Unity, Udemy, 2022

#### Links:

LinkedIn: [Samer Gassouma](#)

Github: [Samer-Gassouma](#)