

Aziz Tarous

aziztarous@gmail.com | +216 28 837 081 | [linkedin.com/in/aziz-tarous](https://www.linkedin.com/in/aziz-tarous) | aziz-tarous.vercel.app | github.com/aziztarous1999

Summary

Detail oriented Software Engineer with a strong foundation in software architecture, backend development, and system optimization. Experienced in full software development life cycle implementation from design to deployment across web, mobile, and AI powered platforms. Passionate about clean code, agile collaboration, and delivering robust, maintainable software solutions for global teams.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, PHP

Frameworks & Libraries: React.js, React Native, Next.js, Node.js, Express.js, NestJS, ASP.NET, Spring Boot, Django, Laravel, Flask

Databases & Tools: MongoDB, PostgreSQL, Firebase, SQL, Prisma ORM, Elasticsearch, Docker, JIRA, Azure

Languages: English , Arabic , French – *Professional proficiency or above*

Education

Institut Supérieur d'Informatique (ISI) – Engineering Degree in Software Development (2021–2024)

ISSET Charguia – Bachelor's Degree in Computer Systems Development (2018–2021)

Professional Experience

Software Engineer – Uptale - Immersive Learning (02/2026 - Present)

- Improve and maintain **immersive learning** and **VR training** solutions for enterprise clients.
- Develop and integrate new features related to training experiences and platform functionality.
- Collaborate with international product and engineering teams in agile environments.
- Contribute to solutions used by global organizations including **Amazon, Airbus, Michelin, Schneider Electric**, and **Carrefour**.

Software Engineer – J'économise.fr (07/2024 - 08/2025)

- Built scalable systems using **Next.js, OpenAPI, Angular, Node.js, Elasticsearch** and **MongoDB** to create solutions for multiple use cases, continuously enhancing **AI**.
- Collaborated with **cross-functional** teams of 9 members to optimize development workflows, reducing delivery time by **20%** and ensuring **on-time completion of all project milestones**.
- Analyzed **SEO driven** marketing initiatives and customer loyalty strategies, achieving a **300%** increase in website traffic and significantly improving **user retention** and **engagement metrics**.

Software Engineering Intern – CODECOOPERATION GMBH (02/2024 - 07/2024)

- Contributed to AI-powered systems using **NestJS, Next.js**, and **OpenAPI** while advancing expertise in **AI** and **LLMs**.
- Partnered with **cross-functional** teams to deliver project solutions and marketing assets, enhancing workflows, visibility, and timely execution.
- Refined the client's project concept and supported the development of targeted marketing materials, ensuring alignment with audience needs and improving **brand visibility** and **market positioning**.

Software Engineering Intern – Blockplus (05/2023 - 08/2023)

- Developed decentralized applications using the **MERN Stack (MongoDB, Express.js, React.js, Node.js)** and **blockchain**
- Enhancing system scalability and efficiency for a **32%** faster response time.

Leadership and Activities

ORGANIZER – CREATIVE LAB ISI (03/2024 - 03/2024)

Organized the **Land-It Hackathon** including over 50 participants and joined the **Hope Spark** initiative with **Association Maram**, promoting innovation and creative learning for children.

TEAM LEADER – UNICollaboration (01/2021 - 03/2021)

Led a multinational team of 7 members in the **Erasmus+ Virtual Exchange**, fostering cross-cultural collaboration between European and Mediterranean participants and delivering **3 successful intercultural projects**.