

# Mohamed Ali Chouikh

chouikhdaly215@gmail.com | (+216) 92 871 542 | Monastir, Tunisia

LinkedIn | Github | Portfolio | Upwork

## SUMMARY

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M.Sc. Software Engineering candidate graduating in 2027 with 2+ years of hands-on experience shipping production AI, full-stack, mobile, and backend systems across 15+ freelance projects and 2 software developer internships. Delivered AI user-story generation workflows, marketplace-style backend services, a startup crowdfunding platform, skilled in JavaScript, TypeScript, Go, Java, Python, React, Next.js, NestJS, Docker, Azure, PostgreSQL, and AI model fine-tuning.

## TECHNICAL SKILLS

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- **Languages:** Go (Golang), Java, Python, JavaScript, TypeScript
- **Frontend & Mobile:** React, React Native, Next.js, Android Java, HTML5, CSS3, TailwindCSS
- **Backend:** Node.js, NestJS, Django, Fast API, Go Fiber, Gin, Spring Boot, REST APIs, Microservices, gRPC, Java RMI
- **AI & Automation:** RAG, MCPs, Tool Calling, Agentic Workflows, Prompt Engineering, Vector Databases, Model fine-tuning, DialogFlow
- **Databases & Caching:** PostgreSQL, MongoDB, MySQL, SQLite, Redis
- **Cloud & DevOps:** Docker, Kubernetes, Terraform, Github Actions, Linux, Kafka, ZooKeeper, Azure, AWS
- **Testing & Tools:** Jest, Vitest, Playwright, Git, Postman, Figma

## EDUCATION

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### Higher Institute of Applied Sciences and Technology of Sousse

*Master's Degree in Software Engineering*

*Sousse, Tunisia*

2024 – 2027 (Expected)

- Coursework: Distributed Systems, Artificial Intelligence, Software Architecture, Web Development.

### Higher Institute of Applied Sciences and Technology of Sousse

*Bachelor's Degree in Computer Science*

*Sousse, Tunisia*

2021 – 2024

- Coursework: Computer Science Fundamentals, Algorithms, Operating Systems, Data Structures, Databases, Database Administration, Networks.

## PROFESSIONAL EXPERIENCE

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### Independent AI/Software Engineer Freelancer (Upwork)

*Software Engineer*

*Remote / Sousse, Tunisia*

Sept 2024 – Present

- Delivered 15+ freelance AI and full-stack projects for international clients, converting business requirements into production-ready JavaScript/TypeScript services and REST API features.
- Built marketplace-style backend services, API integrations, and data handling workflows for platforms with Airbnb-like booking and property-management requirements.
- Owned client-facing delivery from requirements clarification to implementation, integration, and handoff using modern backend frameworks.

### Insimplo

*Software Developer Intern*

*Sousse, Tunisia*

July 2025 – Aug 2025

- Fine-tuned a lightweight Gemma AI model to generate user stories and subtasks from feature descriptions across 4+ delivery tracks, including backend, frontend, and UI/UX.
- Built a .NET desktop application with SQLite storage, a multi-step wizard, export workflows, and JIRA integration for product-planning handoff.
- Containerized the workflow with Docker and supported Azure deployment during a 2-month internship delivery.

- Built a crowdfunding platform connecting 2 audiences: startups pitching investment opportunities and investors evaluating them.
- Implemented web, mobile, and backend features using React, React Native, NestJS, PostgreSQL, Docker, and Azure.
- Integrated DialogFlow and Redis to support conversational workflows, caching, and improved platform scalability.

## PROJECTS

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**Drawly – Real-Time Collaborative Whiteboard** | *Java, Java RMI* 2025

- Built a room-based drawing application enabling multiple users to collaborate on shared canvases in real time.
- Used Java RMI for remote method calls and client synchronization across collaborative sessions.

**Hackwarts 2.0 and Choufli Hal 2.0 – Hackathon Registration Portals** | *Next.js* 2025

- Contributed to 2 feature-rich registration portals for Google Developer Groups on Campus ISSAT Sousse events with GDGC members.

**URL Shortener – Campus Link Management Tool** | *Go, React* 2024

- Built a URL shortener for GDG on Campus ISSAT Sousse to share links professionally through a dedicated web application.

**Task Flow – Android Task Management App** | *Android Java, Spring Boot* 2023

- Built an Android task-management application with a user-friendly mobile interface and Spring Boot backend.

## LEADERSHIP & COMMUNITY

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**Google Developer Groups on Campus - ISSATSo**

Team Management Member (*GDG Platform*)

Sousse, Tunisia  
Nov 2022 – Present

- Supported GDG platform and event tooling work for 3+ years, including community software used for campus hackathon registration.
- Held project and training department roles across 2 ISAMM organizations: ENACTUS and Robotics Club (Sept 2021 – June 2022).

## CERTIFICATIONS

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Qwiklabs GCP Tracks | Docker Training Course for the Absolute Beginner

## LANGUAGES

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**Arabic:** Native | **English:** Professional proficiency | **French:** Elementary proficiency