

Ibrahim Darghouthi

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SUMMARY LinkedIn: [Ibrahim Darghouthi](#) | Github: [Ibrahim Darghouthi](#) | Portfolio: [Barhoum1919.io](#)

Final-year ICT engineering student at SUP'COM, specializing in DevOps/Cloud, IT automation, Data and LLMs. Actively seeking a 4-months End-of-Studies Internship 2026 to apply my expertise in a real-world environment.

EXPERIENCE

- **Sofrecom Tunisie** July 2025- September 2025
Software Data Engineer Intern Tunis, Tunisia
 - Developed a python-based web application for automating the generation of API Technical Documentation from a swagger file powered by LLM, cutting manual effort and reducing wasting time by 70%.
 - Designed the CI/CD pipeline with Gitlab CI to seamlessly Test, build and deploy the App to openshift(kubernetes cluster) and integrate it into the existing project with integration dev, test, prod
- **Addinn Group** July 2024 - august 2024
Full Stack Developer Intern Tozeur, Tunisia
 - Developed a WeatherApp web application built with Angular17, API coming from OpenWeatherMap.
 - Created a Product Management Dashboard Using ASP.NET6.0 with CleanArchitecture and Angular17 for UI.

EDUCATION

- **Higher School of Communication of Tunis - SUPCOM** 2023-2026
National Engineering Degree in Telecommunications ghazala, ariana
Courses: Algorithmics, Databases, Networking and Communications, Web, Cloud, DevOps, Data and AI
- **Faculty Of Science Of Monastir- Prepa PC** 2021-2023
Ranked 69th in the Prepa National Entrance Exam for Engineering Programs monastir, tunisia
Courses: Linear Algebra, Programming and Data Structures, Physics, Mathematics

PROJECTS

- **DevOps Project: build an ultimate CI/CD Pipeline for a springboot application** April 2025 -May 2025
[Repo Github]
 - Implemented a robust CI/CD pipeline that results an automated testing, building and deployment for the application.
 - Tools:** Java, Springboot, maven, nexus, Junit, Sonarqube, DevOps, Jenkins CI/CD, Docker, Grafana, prometheus,
- **ReportGen : Automated Report Generation Powered by LLM** January 2025 - April 2025
[Repo Github]
 - Designed a Web Application with Angular17 for report generation.
 - Implemented a RAG pipeline and integrate it with LLM for text generation driven by context.
 - Tools:** Python, Gemini, Transformers, Angular, FastAPI, DevOps, HuggingFace, Latex, MikTex, ChromaDB
- **E-Learning Platform** November 2024 -December 2024
[Repo Github]
 - Created a full stack web application using Angular17 for the a modern User Interface.
 - Integrated a solid backend with ASP.NET 6.0 using Clean Architecture Design pattern for user authentication, database design and data access layer.
 - Tools:** ASP.Net 6.0, Angular, Clean Architecture, Typescript, C#, Entity framework core, PostgreSQL

SKILLS

- **DevOps Tools:** Git/GitHub, Docker, Kubernetes, OpenShift, Sonar, Nexus, Jenkins, Unit Testing, Integration Testing, Gitlab-CI, Azure, AWS, GCP, Ansible, Terraform, Prometheus, Grafana, Vault, Trivy, CI/CD, WSL, Ubuntu, VMs
- **Programming Languages:** C/C++, python, java, C#
- **Web Technologies:** Springboot, ASP.NET, javascript, HTML, CSS, Angular, Flask
- **Database Systems:** OracleDB, MSSQLServer, MySQL, PostgreSQL, MongoDB
- **AI Fundamentals :** GenAI, LLMs, RAG, Prompt Engineering

VOLUNTEER EXPERIENCE

- **member at ACM club, sup'com** 2023-2024
competitive programming CLUB

ADDITIONAL INFORMATION

Languages: Arabic, English, French

Certificates: AWS CloudQuest, KodeKloud Courses, CCNA 1-2-3, MultiCloud Networking Associate by Aviatrix