

CONTACT

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- Youssouf ALI-AHMED | LinkedIn
- ALI AHMED Youssouf (github)
- ALI AHMED Youssouf (Portfolio)

SKILLS

- Web Development**
- HTML, CSS, JavaScript, PHP, Symfony
  - Spring Boot, ASP.NET, REST API
  - Blazor, NodeJS, VueJS, Angular, React
- Programming Languages**
- Java, C#, C++, Python, Scala, Kotlin
- Databases**
- MySQL, SQL Server, PostgreSQL
  - Oracle Database
- Infrastructure & DevOps**
- Docker, AWS, Gitlab CI/CD, Ansible
  - GitHub Action, K8s
- IoT & Embedded Systems**
- Arduino, Capteurs & chaînes de mesure
- Methodologies**
- Agile Scrum, Kanban, TDD
- System Administration**
- Linux
- Versioning**
- Git, GitHub/GitLab

INTERESTS AND ACTIVITIES

Technological Watch : Cloud, DevOps, AI, IoT (Monitored trends, Integrated skills)

Sports: Football, Badminton (Team Collaborated)

LANGUAGES

French: Fluent

English: Intermediate

Yousouf ALI

Full Stack & DevOps Engineer

EDUCATION

- Master 2 (MSc) in Computer Science - Software Engineering** 2024 - 2025
- Université Gustave Eiffel, Île-de-France, Paris, France
- Specializing in systems, including software, big data, AI, IoT, networks, semantic web, distributed and embedded systems, cloud computing, mobile, and application security
- Master 1 (MSc) in Computer Science - Connected Data and Systems** 2023 - 2024
- Université Jean Monnet, Saint-Étienne, France
- Specializing in data massification and interconnected systems, with coursework in data processing, algorithm design, software engineering, and project management
- Bachelor of Science (BSc) in Engineering - Computer Science** 2021 - 2022
- Université de Corse, Corte, France
- Specializing in computer science covering programming, computer architecture, operating systems, networks, including projects in AI, IoT, and system development

PROFESSIONAL EXPERIENCE

- Industrial IT Engineering Apprentice** 2024 - Present
- Michelin, Clermont-Ferrand, Auvergne-Rhône-Alpes, France**
- Managed specifications and requirements in collaboration with business teams
  - Developed a generic animation system for automated machines (SAGMA)
  - Used Kanban for Agile project management
  - Managed continuous integration and deployment (CI/CD) via GitLab
- Technical Skills: C#, .NET, PowerShell, Python, Blazor UI, WPF, ASP.NET Web API, Refit, REST API, WinForms, Grafcet, Stateless, Telerik, JFrog Artifactory, Tailwind CSS, GitLab
- Full Stack Web Development Intern** 2023 - 2024
- Michelin, Clermont-Ferrand, Auvergne-Rhône-Alpes, France**
- Developed a quality alert management system for tire production (QAS)
  - Redesigned WPF/WCF screens in Blazor UI with the MVVM model and ASP.NET Web API
  - Applied n-tier layered architecture and Domain-Driven Design (DDD)
  - Served as Scrum Master within Agile methodology
- Technical Skills: C#, .NET, PowerShell, Python, Blazor UI, WPF, ASP.NET Web API, Refit, REST API, Telerik, JFrog Artifactory, Tailwind CSS, GitLab, Virtual Machines (VM), IIS, Entity Framework Core (EFC)
- Full Stack Development Intern** 2022 - 2023
- E-CHARLEMAGNE, Clermont-Ferrand, Auvergne-Rhône-Alpes, France**
- Created a school scheduling generator
  - Enhanced user interface of ERP (Enterprise Resource Planning) software
  - Designed and implemented features on the Pilot ERP Portal
- Technical Skills: C#, ASP.NET Framework, JavaScript, Microsoft SQL Server
- Web Development Intern** 2021 - 2022
- UNIGEST SOLUTION, Aléria, France**
- Managed equipment with maintenance management software (GMAO)
  - Synchronized events with Google Calendar
- Technical Skills: PHP, JavaScript, React, Google API, PostgreSQL