

# Younes Belataris

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## EDUCATION

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### 42 Paris

Master in Computer Science

Paris, France

### ESCP

Master in Management - Option E

Paris, France

## EXPERIENCE

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### FullStack Developer - AI Automation Engineer

Jan 2025 – Present

Choose

Paris, France

- Developed an AI-powered crawler/scrapper to retrieve each product and the data related to it from an ecommerce website using **FastAPI**, **LangChain** and **Google-ADK**
- Contributed to a fullstack internal tool, built with **NextJS**, **Fastify** and **GraphQL**, streamlining the creation of the offer for the clients, saving 1500 days of workforce a year
- Explored ways to automate entire workflows for the merchandising and sales teams using intelligent systems

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, JavaScript/TypeScript, SQL (PostGre), Bash, Go

**Frameworks:** React, Next.js, Node.js (Express / Fastify), Django, LangGraph, GraphQL

**Developer Tools:** Git, Docker, Cursor, Redis, PostMan, GitHub, LangFuse, GCP

## PERSONAL PROJECTS

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### Transcendence | JavaScript, Python, Django, PostgreSQL, Docker, Redis

- Developed a full-stack Single-Page-Application (**SPA**) to play pong online featuring tournaments or ranked games
- The app is built with **JavaScript** and **Bootstrap** for the client and **Django** (Python) for the server
- Implemented database with **PostGre** using Django's ORM, robust **REST API** and **JWT** user authentication
- Used **Redis** for caching and **Docker** for deployment as micro-services for further scalability

### Pisco | Python / Google-ADK

- Created a Discord **AI agent** meant to provide an enhanced experience for the user,
- The agent is capable of reading past messages to use them as context and is also able to research for data on the internet using a web search **MCP server**
- It is powered using **Gemini 2.5 Flash** model, allowing it to be fast and reliable (although any model can be plugged to it via LiteLLM)

### Inception | Docker

- Successfully set up and managed a **WordPress** server using **Docker** containers to set up **NGINX** as a web server and **MariaDB** as the database
- Implemented **Redis** caching to upgrade the speed and performance of the WordPress website
- Used **Docker Compose** for optimized deployment, reducing setup time and simplifying maintenance
- Also added as bonuses, a **FTP** server, a static portfolio using **HTTP/CSS** and Minecraft server all using Docker containers

### Ft-IRC | C++

- Built an **IRC** server that accommodates to IRC client IRSSI
- Usage of Object Oriented Programming (**OOP**) to set the structure of the project (clients, channels, moderators)
- Project relying heavily on documentation analysis to extract the correct response codes and formats
- Implemented direct connection between users for file transfer or private messaging, enhancing the users experience