

# ROMEO FROGER

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## SUMMARY

Engineering student in computer science at EFREI Paris in a work-study program, I am looking for a 3-year apprenticeship with a schedule of 3 days per week in a company, in the IT field. Available from June, I am eager to apply my skills and contribute to innovative projects within a dynamic company.

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## EDUCATION

<b>Engineering Degree</b> EFREI Paris	<b>Sept 2025 - June 2028</b>
• Major in Software and Information Systems • Work-study program	
<b>Bachelor's Degree in Digital Science</b> Université Catholique de Lille	<b>Sept 2021 - June 2024</b>
• Work-study program in Bachelor's Year 3 (L3)	

## WORK EXPERIENCES

<b>Work-Study Software Engineering &amp; AI Systems Analyst</b>	<b>Sept 2025 - Aug 2028</b>
• Design and deployment of AI-driven tools supporting productivity, decision-making, and operational efficiency within complex industrial systems. • Analysis and structuring of data and AI workflows (from data ingestion to model integration), with a strong focus on performance, robustness, and real-world constraints. • Contribution to strategic digital transformation projects, bridging technical AI solutions with business, cost, and scalability considerations.	
<b>Full Stack Developer Apprenticeship SNCF Connect &amp; Tech</b>	<b>Sept 2023 - Aug 2024</b>
• Full-stack development (React / Symfony) of scalable internal web applications, within an Agile environment.	

## PROJECTS

<b>IBM Generative AI Engineering – Professional Certification (in progress)</b>	
• Applied training in generative AI and machine learning, covering model development, evaluation, and real-world use cases (8/16 courses completed). • Hands-on work on AI workflows, from data preparation to model integration in production and decision-support contexts.	
<b>Development of an intelligent CLI conversational agent</b>	
• Building an interactive CLI agent that can engage in real-time dialogue with users using the OpenAI GPT-4 API. • Each user has a dedicated vector memory (using embeddings and a RAG architecture) stored in DynamoDB, enabling contextual message retrieval through cosine similarity. Techno : Node.js, TypeScript, OpenAI SDK, DynamoDB (AWS), Bash, CLI	

## SKILLS

- React, Symfony
- Linux environments
- Git (GitHub / GitLab)
- Autonomous and proactive
- Strong team collaboration skills
- Python, SQL, Java, TypeScript, Bash
- Data processing and scripting for AI workflows
- Foundations in Machine Learning & Generative AI
- AI systems integration and deployment (in progress)