Clément Dupouy-Paulin

Software Engineering Apprentice | Full-Stack Developer

Seeking a work-study position in Software Engineering from September 2026
• Nice / Sophia Antipolis

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LinkedIn
GitHub / Portfolio

Third-year Computer Science student and software engineering apprentice at Régie Eau d'Azur, contributing to internal application modernization, document automation, and database-driven business workflows. Strong foundation in C#/.NET, SQL, web development, and collaborative delivery practices, seeking to contribute in an international engineering environment such as Amadeus.

PROFESSIONAL EXPERIENCE

Software Development Apprentice — Sep 2023 – Aug 2026
Régie Eau d'Azur — Nice, France

- Contributed to the modernization of an internal business platform, moving from a legacy Microsoft Access environment toward a maintainable web-based architecture.
- Developed full-stack features using **C#, .NET 8, Razor Pages**, and **SQL Server** for operational and regulatory workflows.
- Worked on document generation and mail merge automation for administrative processes, reducing manual work and improving reliability.
- Handled relational data structures, business rules, debugging, and delivery workflows with **Azure DevOps** while collaborating with end users.

Chef de Rang — May 2022 – Aug 2022
Restaurant Le Galet — Nice, France

- Delivered high-quality customer service and handled orders and payments in a fast-paced environment.

Office Assistant — Aug 2021 – Sep 2021
Centre des Impôts — Nice, France

- Handled document digitization, mail processing, and administrative support with accuracy and confidentiality.

SELECTED PROJECTS

Nutrika / Plan My Meals
Personal full-stack project

- Designed a nutrition-focused application with **Node.js**, **NestJS**, **React Native**, **MongoDB**, and **Docker**.
- Worked on API structure, data modeling, modular backend design, and AI-assisted nutrition and meal-planning features.

Portfolio & Engineering Side Projects
Personal development environment

- Built technical projects to strengthen full-stack development, code quality, software architecture, Git workflows, and deployment practices.

EDUCATION

BUT Informatique — 2023 – 2026
IUT Nice Côte d'Azur — Sophia Antipolis / Valbonne

Work-study track focused on software development, databases, systems, web engineering, and collaborative project delivery.

Computer Science Studies — 2021 – 2023
Epitech — Nice

Project-based learning in software development, algorithmic problem-solving, and technical autonomy.

Scientific Baccalaureate — 2020 - 2021
Lycée Saint-Barthélemy — Nice

RELEVANT COURSEWORK

Software Engineering: object-oriented development, web architecture, UML, testing fundamentals
Data: relational databases, SQL design, data modeling, NoSQL foundations

Systems: operating systems, networks, virtualization, deployment basics
Methods: agile teamwork, documentation, requirements analysis, code quality practices

TECHNICAL SKILLS

Languages

C# · Java · JavaScript · SQL · HTML · CSS

Frameworks & Web
.NET 8, ASP.NET Core, Razor Pages, Node.js, NestJS, React Native

Databases
SQL Server, PostgreSQL, MongoDB

Tools
Azure DevOps, Git, Docker, SonarQube, VS Code, Visual Studio

Engineering Topics
Full-stack development, REST APIs, database modeling, legacy modernization, document automation, debugging

METHODS & PRACTICES

Agile teamwork · Git workflows · CI/CD basics · Code quality · Documentation · Requirements analysis

LANGUAGES

French — Native
English — Advanced
Spanish — Intermediate

STRENGTHS

Analytical mindset · Team collaboration · Rigor · Adaptability · User-oriented · Problem solving

ADDITIONAL INFO

Driving licence — Category B • Vehicle owner
Location — Nice / Sophia Antipolis
Availability — September 2026