

# Carmine Annunziata

## Full Stack Software Engineer

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### PROFESSIONAL SUMMARY

Full Stack Software Engineer with 4+ years of experience developing enterprise applications for the healthcare and public administration sectors. Specialized in designing and maintaining complex architectures, including a national legal medicine platform used by numerous local health authorities (ASL/ASST) and a unified system for the Labour Inspectorate capable of handling over 5,000 monthly notifications. Strong expertise in Front End development (Angular, TypeScript) and Back End development (Java, Hibernate), with a solid focus on DevOps practices (Docker, Kubernetes, GitLab CI/CD) for release automation and high reliability.

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### SKILLS

**Frontend:** Angular, TypeScript, JavaScript, RxJS, HTML5, CSS3

**Backend:** Java, Hibernate, REST API, Maven, JasperReports

**Database:** SQL, MySQL, Oracle SQL, Data modelling & normalisation

**DevOps / Methodologies:** Git, Docker, Kubernetes, GitLab CI/CD, Issue Tracking, Agile

**Other Languages:** Python, PHP

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### EXPERIENCE

#### Full Stack Developer — GPI Group

Jun 2022 – Present Florence, Tuscany, Italy

- Developed and optimised Medleg 4.0, an enterprise application (Angular/Java) for legal medicine adopted nationwide by local health authorities (ASL/ASST), managing the entire software lifecycle for data extraction, commissions, and citizen portals.
- Led the adoption of DevOps practices by introducing Docker and Kubernetes for deployments in the Tuscany region. Designed CI/CD pipelines with GitLab, automating build processes for a team of 5 developers and reducing release times from hours to minutes.
- Coordinated task management and release planning for the entire team through internal issue-tracking platforms (Jira-like), following Agile workflows to ensure continuous delivery.
- Built the Construction Site Notifications Portal (PNC) using Angular 14, Java, and Hibernate, ensuring reliable handling of over 5,000 monthly notifications to the Labour Inspectorate and other public bodies.
- Implemented complex system integrations via Mirth Connect for asynchronous, high-frequency synchronisation of personal data registries and medical catalogues (e.g., RFC249 data flows).

#### Software Developer Intern — Develer

May 2019 – Aug 2019 Florence, Tuscany, Italy

- Designed and implemented Python and Lua scripts for test automation and technical board configuration in an embedded systems environment.

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### EDUCATION

#### Bachelor's Degree in Computer Science (not completed) — University of Pisa

Sep 2020 – 2022 Pisa, Tuscany, Italy

Left university to accept a professional opportunity as a Full Stack Developer.

#### Specialisation Course: Full Stack Java Developer — Associazione Forma.Temp

2022 – 2022

#### Diploma in Computer Science (Information Science & Technology) — I.T.T.S. Fedi Fermi

2015 – 2020 Pistoia, Tuscany, Italy

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### LANGUAGES E CERTIFICATIONS

**Italian:** Native

**English:** Professional working (B2 — Cambridge English First)

- **Cambridge English First (FCE)** — Cambridge Assessment English (2019)