



LUIGI PINNA

SOFTWARE ENGINEER

+39 3406852842 @luigipinna luigipinna3@gmail.com <https://luigipinna.com>

<https://github.com/luigiPinna> <https://github.com/luigiPinnaAevo>

PERSONAL PROFILE

As a software engineer with a natural inclination for backend development, I design and implement software solutions geared towards robustness and efficiency. With a constant willingness to step up, I face new challenges using various technology stacks. My background in Computer Science and Business enables me to bridge the gap between technical implementations and business objectives, bringing added value to development teams

WORK EXPERIENCE

SOFTWARE ENGINEER

@ Aevoluta | 2024 - present

- Complete development of software and web applications, from design, development and deployment of frontend (React) and backend (FastAPI) components with associated maintenance activities on different technology stacks.
- Implementation of APIs and integration of AI services (OpenAI, Azure AI) with related frontend interfaces.
- These projects were developed completely independently for major customers in the banking sector, handling high levels of complexity and responsibility.

Technologies: Python (FastAPI e Flask), React, PostgreSQL, OpenAI APIs, Azure AI Search, CICD Jenkins or bitbucket

BACKEND ENGINEER

@ Aevoluta | 2022 - 2024

- Development and maintenance of backend services with FastAPI (Python) and PostgreSQL.
- Designing RPA systems using UiPath for the automation of complex business processes for major international fashion clients.
- Implementation of solutions in Python for data automation, processing and transformation.

Technologies: FastAPI, PostgreSQL, Python (Pandas, NumPy), UiPath, Data Modeling

IT & DATA

@ ElleDi | 2020 - 2021

- Extrapolation, data analysis and report creation to track and report financial metrics.
- Optimisation of ERP processes by creating customised reports and digitisation initiatives.

Technologies: PostgreSQL, Gamma Spring

AREAS OF EXPERTISE

- Core competencies in Python (FastAPI, Django, Flask, Pandas, NumPy, SQLAlchemy, Pydantic)
- Experience in AI: OpenAI API integration, Azure AI Search, image generation and GPT prompt engineering
- Frontend development with React and Angular
- Backend development with Java (Spring and Spring Security)
- REST APIs and MVC pattern implementation
- Database management: PostgreSQL and Oracle
- Development tools: Azure, Postman, Git/GitHub

EDUCATION

PROFESSIONAL CERTIFICATION IN COMPUTER SCIENCE AND SOFTWARE DEVELOPMENT

@ The Net Value 03/2021 - 02/2022

- Extensive practice in structured programming with C (2 months).
- Database management and data modelling with SQL.
- Backend OOP: Java (Spring Boot), C# (.NET), basics of PHP (Laravel).
- Web development: JavaScript, TypeScript (Angular), Tailwind and basics of React.
- Web app design: REST API integration, scalable microservices architecture in Angular.
- Tools: Postman, Git, GitHub, Trello, Notion.

UNIVERSITY OF CAGLIARI

Bachelor's Degree in Business Administration and Management, 2019

Strong foundations Financial and Applied Mathematics, expertise in Big Data analytics for banking, with knowledge of Corporate Finance and commercial law fundamentals.

ITIS COMPUTER SCIENCE M. GIUA - CAGLIARI

Diploma in Computer Science

- Fundamentals of Computer Science
- Systems and networks
- Software and web development
- Databases

ACTIVITIES AND INTERESTS

Fitness enthusiast dedicated to gym training, running and various sports, passionate about water activities including sailing (boat license holder) and surfing, with keen interest in financial markets, innovative technologies and startups