LUIGI PINNA

SOFTWARE ENGINEER

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🐙 https://github.com/luigiPinna 🐙 https://github.com/luigiPinnaAevo

PERSONAL PROFILE

As a full stack developer with a natural inclination for backend development, I design and implement software solutions focused on scalability 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

Designed and engineered web applications, developing frontend and backend components including new features and maintenance across multiple technology stacks. Core responsibilities include designing RESTful APIs and implementing AI solutions through OpenAI and Azure AI integration.
Technologies: Python (FastAPI and Flask), React, PostgreSQL, OpenAI APIs, Azure AI Search

BACKEND ENGINEER
@ Aevoluta | 2022 - 2024

Developed and maintained backend solutions and APIs using FastAPI (Python) and PostgreSQL across multiple data processing projects. Engineered automation systems through RPA technologies, implementing both UiPath workflows and custom Python solutions for data manipulation and processing.
Technologies: FastAPI, PostgreSQL, Python (Pandas, NumPy), UiPath, Data Modeling

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), basics of React.
- Web app design: REST API integration, scalable microservices architecture in Angular.
- Style frameworks: Tailwind, Bootstrap.
- 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