Francesco Schino

Software Engineer

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PROFILE SUMMARY

Software Engineer with extensive experience in full-stack development, automation, and system architecture. Specialized in Python, JavaScript, and C# with strong problem-solving skills and an innovation-driven approach. Proven track record in developing scalable applications and leading technical teams. Recently focused on advanced AI integrations, prompt engineering, and experimentation with local LLMs.

SKILLS

SOFT SKILLS	Team Leadership	Mentoring	Cross-Team Communication	Strategic Thinking
CODING SKILLS	Python (Advanced)	JavaScript / TypeScript	C# (.NET Core)	SQL	Java	Bash	HTML	CSS
FRAMEWORKS & LIBRARIES	React	Next.js	Tailwind CSS	FastAPI	Express.js	Node.js	Selenium	Django	Flask	.NET Core	Spring Boot
AI & DATA	Gemini, OpenAI, Claude APIs	gemini-cli, ollama, local LLMs (LLaMA, Mistral, Qwen, DeepSeek)	Prompt Engineering	Data Processing & Analysis	Hugging Face
DEV OPS & TOOLS	Git	Docker	CI/CD Pipelines	Jenkins	GitHub Actions	REST APIs	WebSockets	Linux Systems & Scripting	AWS
COLLABORATION & OFFICE TOOLS	Jira	Trello	MS Office	Notion	MS Teams

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WORK EXPERIENCE

Full Stack Developer | Freelance   UK (Remote)
June 2025 – Current

- Developing full-stack applications with modern technologies such as FastAPI, React, and Tailwind

- Automating workflows and integrating AI services via Gemini API, OpenAI, Claude, and local LLMs (LLaMA, Mistral, DeepSeek
- Using CLI tools like gemini-cli and ollama for efficient prototyping and experimentation with prompt-based tasks
- Building and maintaining open-source tools to reduce manual data analysis time by 70% using AI summarization
- Exploring multi-model architectures and hybrid deployments for local and cloud-based inference

Tools Used: Python, JavaScript, FastAPI, React, Tailwind CSS, AI APIs, CLI Tools, Docker, Git

Quality Manager | Coding Giants   UK (Remote)
Aug 2023 – June 2025

- Spearheaded the technical setup and architecture for the Italian branch, collaborating directly with founders
- Designed and implemented scalable systems and processes, including automated workflows and management dashboards.
- Developed custom Python scripts and automation tools to streamline operations and improve efficiency.
- Led technical recruitment and mentored a team of 70+ technical professionals, focusing on skill development and code quality.
- Implemented agile development practices (SCRUM) with automated task tracking and progress monitoring systems.
- Built integrations between multiple platforms and created custom solutions for team management and performance tracking.

Tools Used: *Python, Django, React, Google Apps Script, API Integrations, Automation Tools, Trello API, Discord Bots, CRM Systems, Data Analytics (Tableau), Project Management Tools*

Software Engineer | Eurofins Digital Testing   Bristol, UK
May 2018 – Apr 2023

- Designed and implemented test plans, automated and manual test cases, and test materials, including DASH-format media, for the broadband and broadcasting industry (HbbTv), serving clients such as BBC and Tivùsat.
- Oversaw the '4K Logo' certification project, ensuring 100% compliance with industry standards and completing the project 15% ahead of schedule.
- Developed features for a QA analyzer app in C# to process Interoperable Mastering Format (IMF) and Material Exchange Format (MXF) media

- Enhanced manual testing efficiency by 70% through the development of a remote testing solution during the COVID-19 pandemic.
- Worked with Windows and Linux servers, using DevOps tools for configuration and maintenance.
- Gained experience in the SDLC and CI, with agile methodologies (SCRUM).

Tools Used: *Javascript, Python, C#, AWS, Pandas, ElementTree, Unittest, Selenium, YAML, Regex, XML, JSON, Jira, Jenkins, VSCode, SVN, Git, Postman, SoapUI, Fmpeg, MediaInfo, Video Encoding, DRM (PlayReady, Marlin, ClearKey, Widevine), Redmine*

Analyst 2 – Cyber Security | Deloitte & Touche
Rome, Italy
Nov 2016 – Jul 2017

- Managed IT security and risk transformation projects for Leonardo (client).
- Worked with standards such as ISO/IEC 27001, NIST Cybersecurity Framework, COBIT, and ITIL.
- Led system integration efforts via API REST, enhancing data security and compliance.
- Conducted requirements gathering, stakeholder management, and technical documentation under tight deadlines in areas such as Cyber Defence, Cyber Resilience.
- Boosted platform usage by 50% among stakeholders.

Tools Used: *RSA Archer, Javascipt, XML, HTML, MS Excel, PowerPoint*

Software Developer | Capgemini
Rome, Italy
Nov 2016 – Jul 2017

- Developed IoT and Big Data solutions using Java and modern software architecture patterns for Octo Telematics.
- Built scalable microservices and REST APIs for international telecom traffic management at Telecom Italia Sparkle.
- Designed and implemented SMS routing systems and configuration management applications with high availability requirements.

Tools Used: *Java, SOAP, REST, SQL, Oracle, Maven, Tomcat, Hibernate, CSS, HTML, IoT, Linux, SVN, EPL, Mongo, Virtualization*

———— EDUCATION & CERTIFICATIONS ————

- BSc Computer Science, University of Bari, Italy (2008 – 2015)

- C# Programming Language, QA Ltd (2020)
- Developing on AWS, QA Ltd (2020)
- Agile Project Management (Scrum & Kanban), Udemy (Ongoing)

LANGUAGES

Italian – Native | English – Proficient | Spanish – Elementary

ADDITIONAL INFORMATION

- UK Immigration Status: Settled Status (Indefinite Leave to Remain)
- DBS Check (UK): Enhanced Certificate