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About Me

Seasoned IT professional with 20+ years of experience in enterprise software delivery, scalable and pragmatic architecture, and ROI-focused solutions. Proven track record in agile innovation, delivery management, and leading complex, high-impact projects across a broad range of technologies and infrastructure.

Experienced in building and mentoring high-performing teams, aligning technology with business strategy, and driving organizational transformation through innovation and process optimization. Skilled in stakeholder management, budgeting, and strategic planning within fast-paced, dynamic environments.

AI & Assistive Technologies for Innovation & Delivery

- LLMs (GPT, Claude, Gemini)
- AI Assistants (GitHub Copilot, Microsoft Copilot)
- Prompt Engineering
- AI-Augmented Development

Cloud Platforms & DevOps Engineering

- Cloud Services (AWS, Google Cloud Platform)
- Containerization & Orchestration (Docker, Kubernetes)
- CI/CD Pipelines (Jenkins, GitLab CI/CD)
- Infrastructure as Code & Configuration Management (Terraform, Ansible, Git)

Full-Stack Architecture & Delivery Leadership

- Enterprise Java (J2EE, Spring Boot, Hibernate)
- JavaScript Stack (Node.js, Express.js, Angular, React)
- Python for AI/ML
- Mobile-ready Delivery (responsive design, hybrid frameworks)

Quality Assurance & Intelligent Automation

- Test Automation (JUnit, Selenium, UFT, Robot Framework, Appium)
- Performance & Load Testing (JMeter, LoadRunner)
- API Testing (Postman, ReadyAPI)
- Quality Management (ALM, TestRail, Xray, Zephyr)
- RPA Tools (UiPath, Automation Anywhere)

Project & Business Management Tools

- Agile Planning & Collaboration (Jira, Confluence, Trello)
- Business Intelligence & Reporting (Tableau, Microsoft Power BI)
- Project Management (MS Project)

Programma del Corso

Giorno 1 – Fondamenta

- Introduzione al corso e obiettivi
- Installazione di Python, IDE (VS Code o PyCharm), primi script
- Basi di sintassi: variabili, tipi, operatori, input/output
- Strutture di controllo: if, for, while
- Funzioni e scope
- Esercizi pratici su problemi semplici

Giorno 2 – Strutture Dati e Strumenti

- Liste, tuple, set, dizionari
- Gestione delle stringhe
- File I/O (testo, CSV)
- Moduli standard, import e pacchetti
- Virtual environment, pip e gestione pacchetti
- Esercizi pratici (reimplementazione di problemi svolti in altri linguaggi)

Giorno 3 – Programmazione Avanzata e Introduzione al Web

- Eccezioni e gestione degli errori
- Classi e oggetti (OOP di base)
- Librerie esterne utili (requests, pandas, matplotlib)
- Introduzione a Flask: concetti base di web server e routing
- Mini-esercizi: API REST semplici

Giorno 4 – Framework Web e Progetto Finale

- Panoramica: Django, Flask, FastAPI (pro/contro, casi d'uso)
- Setup di un'applicazione web semplice con Flask o FastAPI
- Connessione a un database (SQLite o PostgreSQL)
- Sviluppo guidato di una piccola app full-stack (es. gestione TODO o rubrica)
- Test di base e debugging
- Recap finale e indicazioni per approfondimenti