Alberto Barrago (38)

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Profile

Full-Stack Developer and *DevOps enthusiast* with a strong track record in delivering scalable frontend/backend systems, under tight deadlines. Passionate about *clean code*, automation, and applying AI to real-world challenges.

Skills

- *Frontend*: JavaScript (Expert in Angular), TypeScript, HTML5, CSS3
- *Backend*: Proficient in FastAPI, Spring Boot, Flask, Express, Fastify
- *Database*: MongoDB, Oracle, MySQL
- *DevOps & Cloud*: Docker, GitHub Actions, Azure DevOps, CI/CD pipelines
- **Tools**: Git, GitLab, React Native, Ionic, Kafka, Postman
- **AI and Machine Learning:** Hugging Face Transformers, Gemini API, AI integration, prompt engineering, LLM fine-tuning

Experience

SENIOR CONSULTANT / DEVOPS
MINSAIT/INDRA - ROMA - 2024 ~ PRESENT

- Led the development and release of Angular library for INPS, reducing deployment time by 30% through optimized pipelines, impacting over 6 development teams.
- Joined a critical project for the Italian State Printing Works and Mint (IPZS) one month before the final deadline and successfully helped deliver a robust Angular + Spring Boot application.
- Designed automation scripts that improved workflow efficiency by 25%, saving an estimated 4 hours per week for the team.
- Enhanced DevOps processes by revising CI/CD pipelines, resulting in improved deployment reliability and reduced manual intervention.

SENIOR SOFTWARE DEVELOPER
SOFTFOBIA S.R.L. - CAGLIARI - 2022 ~ 2023

- Developed full-stack web applications using React, Angular, and Spring Boot, delivering scalable and maintainable solutions across various domains.
- Optimized application performance, resulting in a 20% reduction in load time.
- Conducted JavaScript training session for 16 members of the company's Tech Academy team, receiving positive feedback on knowledge transfer and practical application.
- Led development teams of junior and mid-level developers in building web applications, contributing across both frontend and backend layers.

SOFTWARE DEVELOPER
ACCENTURE S.P.A. - CAGLIARI - 2021 ~ 2022

- Developed applications using Spring Boot and Thymeleaf for managing rural pharmacy tenders.
- Implemented micro-services using Kafka, with data persistence on MongoDB and Oracle.
- Created an Angular 12 application to facilitate the configuration of virtual machines.
- Taught courses at Istituto Giua, focusing on Git, HTTP and jQuery.

SOFTWARE DEVELOPER
SINOSSI S.R.L. - CAGLIARI - 2016 ~ 2021

- Developed mobile applications with Ionic and Angular, and gained the initial experience with Spring Boot for backend APIs.
- Managed the complete application lifecycle, from design to implementation, integrating MongoDB and Oracle databases.
- Developed and maintained enterprise applications for major clients such as Deutsche Bank and TIM.

FREELANCE WEB DEVELOPER
EVE STUDIO - NAPLES - 2014 ~ 2016

- Created custom themes and plugins for WordPress using PHP 5.1 and Bootstrap.
- Developed web solutions for startups and small businesses while working remotely.
- Translated client requirements into functional features for custom WordPress themes and plugins

WEB DESIGNER & DEVELOPER | FREELANCER - 2010 ~ 2014

- Developed landing pages and static websites using HTML5, CSS3, and JavaScript.
- Gained initial exposure to emerging technologies like Backbone.js and Grunt.
- And this is where I got my first grey hairs.

Education

- Master's Degree in Law | University of Cagliari, Cagliari - 2006 - 2011 *(Background in Law, now channeling analytical thinking into building clean, maintainable software.)*

- *Diploma in Industrial Computer Technician | I.T.C. Pietro Martini, Cagliari - 2001/ 2006*

Languages

- Italian: Native
- English: Professional working proficiency – confident in reading documentation and contributing to technical discussions.

Interests

- Open-source contributor
- Passionate about AI and machine learning
- Deeply interested in Neuro-Linguistic Programming (PNL) and its applications in communication and mindset