



# Alberto Barrago

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## Profile

*Software Engineer* with a strong track record in delivering scalable frontend and backend systems. 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, Neovim, cURL, Postman
- **AI and Machine Learning:** AI integration, prompt engineering, LLM fine-tuning

## Experience

### SENIOR CONSULTANT / DEVOPS

**MINSAIT/INDRA - ROMA - 2023 ~ DEC 2025**

- Led the development and release of an Angular library for INPS, reducing deployment time by 30% through optimized pipelines, impacting over six development teams.
- Followed the full lifecycle of 11 INPS products — building, deploying, documenting, and creating a standardized GitHub commit style. Served as the primary person responsible for release management.
- Created automation scripts that boosted workflow efficiency by 25% and saved the team about 4 hours every week..
- 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, receiving positive feedback on knowledge transfer and practical application.
- Led development teams of 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 microservices 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 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.

## 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: B1 Intermediate

## Interests

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