JUAN ALCÁNTARA DOMÍNGUEZ

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📞 +34 692 46 30 54
📍 León, Spain (Willing to relocate internationally)

Work Experience

CT Engineering Group   *12/2024 – Present*

Full Stack Engineer   *León, Spain*

- Specialized in containerizing applications with Docker for improved deployment and scalability
- Developed comprehensive traffic models for complex distributed systems
- Built responsive full-stack applications for +3 R&D proyects using React framework and Node.js
- Lead small unexperienced dev teams under tight deadlines, defining and prioritizing requirements

Scale AI   *08/2024 – 12/2024*

Freelance Q&A Software Tester   *Remote*

- Designed effective prompts to evaluate code-generating AI models across multiple languages
- Reviewed AI outputs for accuracy, efficiency, and adherence to best practices

Restaurant Industry   *09/2021 – 06/2024*

Waiter & Chef de Partie   *Edinburgh, Scotland*

- Part-time roles during University in fine dining restaurants including Sheraton Grand Hotel
- Developed strong team communication and customer service skills in high pressure environments

Education

Edinburgh Napier University, UK   *2020 – 2024*

Bachelor in Software Engineering with First Class Honours

- **Dissertation:** An Interactive Music Generation App using User-Guided Markov Chains

British School of Córdoba, Spain   *2007 – 2020*

A Levels: Computer Science, Mathematics, Further Mathematics, Physics, and Spanish

- 6 months exchange program in Lucerne, Switzerland (German-speaking school)

Skills & Additional Experience

Programming Languages & Technologies

- **Python:** API development, scripting, data processing pipelines, and package distribution
- **Node.js:** RESTful API design, Express.js applications, asynchronous workflows, and server-side scripting
- **React:** Component-based UI development, state management, responsive design, and modern tooling with Vite for fast development and bundling
- **PostgreSQL:** Schema design, querying, and integration with backend services
- **Docker:** Containerization, orchestration, and integration in CI/CD pipelines
- **Unix:** Proficient in UNIX-based systems; comfortable with shell scripting and system tools

Soft Skills

- **Time Management:** Worked in scrum teams organizing tasks and keeping the project moving smoothly, leaving room for thorough testing
- **Team Player:** Played competitive volleyball for three years at university, winning and ascending league 2 consecutive years
- **Problem Solving & Creativity:** Enroled A-Level Further Mathematics due to a passion for problem solving still present str(datetime.now().year - 2018) years later
- **Communication:** Highly developed through hospitality work, university projects, and a daily writing habit in both English and Spanish

Languages

- **Spanish:** Native
- **English:** Fluent
- **German:** Conversational
- **French:** Basic

Additional Achievements & Activities

- Represented school in European Youth Parliament debating competition
- Taught mathematics as a volunteer in The Bright Star Junior School (Diani, Kenya)
- Piano player since early age, ranked 3rd in Córdoba's Music Conservatory
- Active reader with an interest in learning new things and connecting ideas