

Fran Rodriguez

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Professional profile

Passionate about technology and driven by a deep interest in the digital world. I am currently in my second year of a BSc (Honours) in Computer Science and IT at the Open University, and bring practical experience in web development (with a focus on JavaScript, Python and Java), network and systems management. My career spans designing scalable web applications, implementing security solutions and maintaining computing environments.

Key Skills

- **Programming:** JavaScript, Java, Python, SQL, Node, React, Vue, Next.js, Gatsby, Ruby.
- **IT Infrastructure:** Linux, Windows, Docker, Cisco Networking, Virtual Private Servers, Hardware Maintenance.
- **Tools:** Git, Bash Scripting, VS Code, Jupyter Notebooks.
- **Other Expertise:** Single-Board Computers, Email & User Account Management.

Work experience

Web Developer

Self-employed | 2016-Present | London, UK

- Developed and maintained websites for several companies, using libraries such as React and Gatsby and frameworks like Next.js.
- Resolved server hosting issues and managed email/user accounts, ensuring minimal downtime for clients.
- Designed and developed interactive components, implemented business logic, and enhanced user experience.
- Actively participated in multiple software development teams serving organizations in the arts and language sectors, creating websites and executing marketing tasks.
- Designed and implemented security and surveillance systems using single-board computers like Raspberry Pi.

CMS Developer

Sekkend | 2015-2016, London, UK

- Built commercial websites from scratch using CMS platforms like WordPress, Drupal, and Joomla, ensuring seamless responsiveness across devices.
- Conducted rebranding projects, transforming legacy designs into modern, visually appealing identities.
- Provided technical support and server maintenance, resolving critical hosting issues within tight deadlines.

Education

BSc (Honours) Computing and IT

The Open University

2023-Present

Current Studies:

- Cyber security.
- Cisco networking (CCNA).
- Object-oriented Java programming.
- Algorithms, data structures and computability.

Certifications

- CCNA: Switching, Routing, and Wireless Essentials - 2025
- CCNA: Introduction to Networks - 2024
- Cisco Networking Essentials - 2023
- App Development with React - 2020
- JavaScript - 2020
- Node.js - 2020
- SQL - 2020

Interests and Hobbies

Open Source Software, AI, 3D Printing, VR, Martial Arts, Hiking.

Soft Skills

- Strategic planning and goal-setting with effective time management.
- Analytical thinking, problem-solving, and proactive initiative.
- Adaptability and resilience in fast-paced, dynamic environments.
- Active listening, verbal and written communication, presentation skills.

Languages

Spanish: Native.

English: Fluent.