Gian Claudio Scarafini

Junior Full-Stack Web Developer

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- 📍 London
- in LinkedIn
- ◯ GitHub

Profile

Experienced junior full-stack developer with 10 years in the construction industry specializing in asset information management. Recently completed Le Wagon Web Development BootCamp, where I contributed to a group project enabling asset owners to connect with needed resources and calculate CO2 emissions based on shipping methods.

Skills

Programming Language
HTML, CSS, JavaScript Typescript, Python Ruby on Rails, Figma, Git, Github, SQL, Heroku, TrheeJS, React

Software
VS Code, Terminal, Figma, PowerBi, Adobe Package, Blender, Microsoft Office, Outlook.

Projects

PassBridge (Web App)
Lead Developer (2-week Sprint Project)
- Developed a web application connecting people needing materials or furniture with those looking to dispose of items, while calculating CO2 emissions.
- Led a team of 4 using Kanban methodology for project management with MVP in mind.
- Utilized Ruby on Rails, APIs (GeoMap, Mapbox), and Pundit for development.
- Improved the CO2 Analysis dashboard for better user insights.

Monitor Versions and Requirements (add-on)
Developer & Creator
Need: Monitor Software Versions and C Drive Space for 130 Office PCs
Constraints:
- Limited IT resources, making the deployment of traditional tools unfeasible.
- No access to administrative credentials.
Solution:
- Develop a Revit add-on to extract information from each user's PC.
- Create a dashboard with error flagging, similar to lean manufacturing practices.

Professional Experience

HaworthTompkins ↗
BIM Coordinator
04.2021 | London, United Kingdon
I am responsible for ensuring that all requirements are met for each project. Teaching managers to identify issues that might be encountered during production. Coordinated with other consultants. Developing tools that increase quality and control

Foster + Partners ↗
BIM Design System Technician
05.2018 – 04.2021 | London, United Kingdom
I support and coordinate BIM & Design Systems Coordination, assist in producing, organizing, and maintaining projects with proper standards, and develop workflows that optimize time usage. Revit, Navisworks, AutoCAD, and Rhino are some of the tools I used.

Freelancer
Consultant
Milan, Italy
Supporting business on developing software skills

Education

Bootcamp
Le Wagon ↗
09.2023 – 04.2024 | London, United Kingdom
- 6 months of part-time intensive coding Bootcamp.
- learned: Ruby, HTML, CSS, Javascript ES6, MVC, SQL, Git, GitHub, Heroku and Ruby on Rails. REST API
- Copy of Airbnb platform in 2 weeks.
- pitched Passbridge project and lead the teams.

BIM and Digital Built Environments
University of Salford ↗
2020 – 2023 | Manchester, United Kigdom
- learn the standard of procuring a projects
- understanding of lean design and six sigma principles
- dissertation: Validate open source framework's importance in a divided industry like construction

Certification
BRE Accademy
06.2020 | London, United Kingdom

Bachelor degree
Politecnico of Milan ↗
2011 – 2017 | Milan, Italy
- the notion of the history of the construction industry.
- technical coordination and design.
- parametrical design

Languages

Italian (Native) | English (Fluent) | Spanish (Basic Learning)