Felipe Moreira

Civil Engineer | AEC Software Developer
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Check out my portfolio website: felipe-moreira.com

Civil Engineer with experience in construction management and a Master in **Building Information Modeling (BIM)**, now transitioning into **Software Development** with professional European experience in software development. Currently based in the Netherlands, passionate about integrating programming and BIM to improve workflows in the AEC industry. Proactive problem-solver with strong front-end development skills, using **JavaScript** as the main language but open to exploring new technologies. Eager to join a team to contribute, learn, and grow into a full-stack software engineer.

Work Experience

Junior BIM Software Developer - Remote - Full-time

APOGEA Consulting - Malaga, Spain   Jan 2024 - Aug 2024
- Identified and corrected errors in BIM applications, ensuring software integrity and optimizing user experience
- Development of BIM applications from scratch, using Vue.js and Tailwind to create high performance interfaces
- Communicator and active collaborator in remote teams, participating in meetings and discussions to share ideas, solve problems, and improve the workflow of the BIM development team

Construction Specialist - Remote - Full-time

Amherst - Texas, United States   Feb 2022 - Sep 2022
- Successfully adjusted budgets and updated contracts for 10+ weekly projects, maintaining direct communication with a diverse network of 40+ vendors, for Dallas, Nashville, and Salt Lake City markets

Civil Project Engineer - On-Site - Full-time

CasaMax Inmobiliaria - San Jose, Costa Rica   Apr 2021 - Jan 2022
- Oversaw the construction process, closure, and handover of multiple condominium projects
- Conducted quality inspections on various structures, including houses, swimming pools, clubhouses, treatment plants, lag ponds, retaining walls, fences, roads, and underground nettings

Civil Project Engineer - On-Site - Part-time

Proyecta Placemaking & Management - San Jose, Costa Rica   Mar 2019 - Aug 2019

Education

Master in Building Information Modelling - BIM A+ European Master

University of Ljubljana, Slovenia & University of Minho, Portugal   Sep 2023

Graduation project: Created an AR-based application to integrate BIM with AR, enhancing collaboration and productivity in construction by leveraging WebXR with IFC

Bachelor's Degree in Civil Engineering with Specialization

Universidad de Costa Rica   Jan 2021

Certifications

Master BIM Software Developer by That Open Company   Sep 2024

Skills

Programming: TypeScript, React, Vue, Tailwind, SQL
BIM / AEC: Revit, Dynamo, IFC
Soft Skills: Problem-Solving, Adaptability, Communication
Languages: Spanish, English, Portuguese