Felipe Morera Álvarez

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Skills

- Java | Python | JavaScript | C# | .NET | Kotlin | HTML | CSS | SASS | React | Node JS | Spring boot | Django | JUnit | Git
- AWS | Azure | Heroku | Docker | Oracle DB | SQL Server | MySQL | Power BI | Functional programming | OOP
- Scrum | Frontend | Backend | Full-Stack | English, Spanish – *All professional proficiency or above*
- Time management | Teamwork | Strong communication and interpersonal skills | Research | Self learning

Experience

Software Engineer Intern   **FundaciónUCR**   *San Pedro, Costa Rica*   **08/2023 - 12/2023**

- Development of a data management application that is more efficient and user-friendly than the previous system, using the latest technologies of **Azure, C#, .NET**, SQL Server, DevExpress.
- Led the research of data analysis tools and how to integrate it in .NET Core applications, including identifying system requirements, client dependencies and software implementation. Tools: **Power BI, Power BI Embedded**, Azure Active Directory, Microsoft Entra ID and Postman.
- Implemented automated data analysis graphics, integrating and embedding charts in .NET Core applications, to improve the application's visual information tools: **Power BI, Power BI embedded, C#, .NET, Python,** SQL Server**,** Microsoft Entra ID.
- Bug fixing, Front-end design, MVC, Entity Framework, DBA, pull requests, code reviews, ETL, data analysis, unit/integration/testing.

Software Development Engineer   **Tintatex S.A**   *Antioquia, Colombia*   **02/2022 - 06/2023**

- Development of a web content management system using **PHP, MySQL**, **WordPress**, WooCommerce and Google Analytics.
- Designed and developed a fabric ecommerce platform that gave the client visibility on national and international markets.
- Collaborated within Agile methodologies to gather system requirements and address client needs, utilizing **Scrum** and **Azure DevOps** for project management.
- Conducted thorough research of the latest industry trends and technologies, ensuring the application's competitiveness.
- Led the deployment and hosting of the ecommerce site using **CPanel**, WordPress, Duplicator.
- Crafted and developed user manuals and conducted client training sessions, imparting comprehensive knowledge on platform usage.

Education

Universidad Nacional de Costa Rica   **02/2022 - 11/2023**

- Information Systems Engineering

Universidad Nacional de Costa Rica   **02/2017 - 11/2022**

- Diploma in Computer Application Programming

Projects

- **UrQuery:** Developed a XQuery Compiler (Prolog, Java, JavaScript, React, MongoDB, XSLT, XML, Functional Programming). (**11/2022)**
- **UniActivos:** Designed and developed an assets scheduler mobile application (Android, Kotlin, PostgreSQL, Heroku, Firebase). **(06/2023)**

Mentorship

- **Systems Engineering Tutor:** Programming | Data Structure and Algorithms | Data Analysis | Web development **(01/2019 - 10/2023)**

Others

- **Python Essentials 1 (10/2023)**
- **Scrum Fundamentals Certified (05/2023)**
- **Postman API Fundamentals Student Expert (05/2023)**
- **NDG Linux Unhatched (12/2023)**