Diego Ruiz

Software Developer Fullstack

Professional Profile

I have a certification as software developer fullstack from HYF Copenhagen and a bachelor degree in Electronics from the University del Valle in Colombia with emphasis on firmware development for embedded systems, throughout my career I have developed and designed software for large companies worldwide such as AB InBev Brewery (Budweiser, Carlsberg, Stella Artois), Microsoft (Denmark), Covi Analytics, Flow Loop (IKEA) among others, I consider myself a person very passionate about technology and always willing to face new challenges.

Education **Bachelor of Engineering electrical and Electronics (2014)**
University University del Valle (Colombia)

Education **Software Developer FullStack (2021)**
Program HackYourFuture Denmark

Career/Professional Experience

Flow Loop (Ikea)
2022 – present **Firmware Engineer C - C++ programming Language**

- Hardware and Firmware prototyping for smart Showers. PCBA– Arduino Mega 2560. STM32

Cloud Factory (MIcrosoft)
2022 **Software Developer PHP - javascript**

- Maintenance and development for web platforms.
- Development of new functionalities for Microsoft Azure services, CSP, 365, Acronis, Dropbox, ESET Services using PHP and JavaScript programming language.

Den lille musikskole
2021 **Software Developer React.Js - Node.Js**

- Creating Signup, Login - Session and Forgotten password.
- Flow with automatic e-mail and SMS integration.
- Create mobile app Open Door System Integration, that based on users GPS.
- Automated credentials to open the school door.
- Implement cancel subscription and delete user REST end points.

Achievements

- On 2018 I developed a software that allowed structuring all the areas of the company (AB InBev) in the

same program with multiple functionalities, such as training the new employees, training for change of areas, production and maintenance methods reducing the margin of error by 80% , also allowed establishing functions that were used to calculate water for brewing, inputs, laboratory analysis, maintenance, etc. This program was first implemented as a pilot test in this company and after being endorsed it was implemented in other branches worldwide.
- During 2022-2023-2024 I worked alongside an international team of engineers, developing the world's first smart shower manufactured in Denmark as prototype engineer (Leading the software department).