9 years of experience in the software programming

I have experience in Java (Swing, Threads, Eclipse IDE, Netbeans IDE), Scala (Eclipse IDE), C/C++ (SDL, Unreal Engine, Arduino,Visual Studio), C# (Mono, SharpDevelop, Visual Studio, Unity Engine), Python (Vrep, JetBrain and Visual Studio Code), Matlab(GUIDE), HTML,CSS, SASS and JavaScript(DOM, Node, Express, MongoDB, React, Visual Studio Code).

Developer in a team in charge of creating a comprehensive IIoT application focused on analyzing the health and current state of machines through acquisition, storage, and analysis of its parameters with sensors.

I specialize in development of Full-Stack Web applications. I have knowledge of the MERN stack, IIoT, WebSocket, BigData, API’S, implementation and maintenance of VPN servers, design of microservices structures, versioning, documentation, etc.

Technical Artist (Modeling, Materials and Textures), Software Architect and Developer at Unity

API’S, PHP, MYSQL, Unity Engine, C#, HTTP/HTTPS Rest, HTML, CSS, Blender

* Modeling and texturing of 3D models.
* Cross-platform development (WebGL, Android and Windows).
* Database with offline and online functionalities with synchronization protocols.
* Platform in Spanish and English
* The greatest achievement was developing a multiplatform application for inventory control and creating a framework from it.
* Implement lighting, models, textures, scripts, animation, UI / UX, entities and particles.

Software Architect & Software Application Developer

C#, XML, Winform, Coroutines, Genetic Algorithms, Knime

* Learn the mathematical model required for transformer design.
* Understand the Datasheets used to describe each part of a transformer.
* Extract the information contained in the XML files generated by a third-party program
* Implement a description language for electrical transformer connections, NOST.

Web designer and web developer

Javascript, HTML, JSX, SASS, CSS, Bootstrap, Babel, Prepos, PHP, MYSQL, phpMyAdmin, ReactJS, Visual Studio Code, Netbeans, GravityDesigner

* Learn and use ReactJS with Babel
* First solo full-stack web project.
* Design and program databases, UI / UX, APIs, Mailer, Routing, etc.
* Complete the project and receive congratulations on the work from the survey participants.
* Facing situations outside of programming: Hosting, SSL, Configuration Mailer, Contact Support

Intern (Web development with specialization in IIoT)

Javascript, HTML, JSX, SASS, CSS, Bootstrap, NodeJS, NPM, Express, MongoDB, React, NGINX, PM2, NPM, Let's encrypt, MongoDBCompass, Visual Studio Code, GravityDesigner

* Implementation of the MVC, SOLID and MICROSERVICES model.
* Design and structuring of NODE applications with a MICROSERVICES structure.
* Communication with LTE cards through IP / TCP WebSockets.
* Design and structuring of the page with HTML, JSX, CSS and SASS.
* Design and development of UI / UX and implementation through React with JavaScript.
* Design, development and implementation of the database in MongoDB ATLAS.
* Communication through APIS with Express.
* Design, development and programming of Backend and Frontend of an IIoT platform using the MERN stack.
* Maintenance and start-up of VPN server (UBUNTU), domain, emails, SSL certificate.