MEHEMMAI MOHAMMED RIDHA

Software Engineer

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Profile

Hello! I'm Ridha (pronounced Ritha or Rida), a software engineer based in Algeria, who enjoys building things that contribute to make life easier. I develop desktop, mobile and web apps that provide intuitive, functional and performant features with efficient and modern technologies and frameworks.

Professional Situation

Employee in ENCC : a State-owned company of Structure and Boiler-making Industry , my duties are to manage and maintain the IT infrastructure and scale it up as the demand grows, intervene in other units to assist them in both IT and software issues and the design and development of simple software utilities, desktop apps and intranet web apps.

Education

Studied at University Mentouri 2 - Constantine - Algeria
Master degree in Software Engineering 2017

Master research theme:
The soft Computing for the optimization of the lifespan of a wireless sensor network.

Skills

Languages: Java, C#, Python, JavaScript (Typescript), Matlab;
Libraries, frameworks and engines: JavaFx, Xamarin, Ionic, Libgdx, Lwjgl, Unreal Engine 4;
Web technologies: (S)CSS, Bootstrap, Xml, Html, php, Angular 2+;
Database: MySQL, SqlServer 2008/2012, PostgreSQL, SQLite;
Reading, Writing, Speaking and Listening: English, French and Arabic.

Projects

Professional Projects:
    Simple document hub (angular 6);
    HSE and quality control (C# WPF);
    Database merging utility (C#);
    Automated template mailing utility (angular 7).
Personal Projects:
    Desktop 2d game (Java) then ported it (using the library Libgdx) for both PC and Android;
    Basic 3d renderer (using Lwjgl 3);
    2d cross-platform game (using unreal engine 4).