Arthur JAOUEN

Software Engineer

✉ Contact

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👤 Profile

32 years old - Driving licence - French

I am looking for a company that can provide a great team and Agile experience in a modern development workflow. I love code reviews, unit testing, automated builds and team happiness.

After a two-year degree in software engineering, I have acquired a solid work experience centered around the web, mastering diverse frontend and backend technologies. I like being a generalist, able to develop React web frontends or Android applications as well as .Net backends.

Passionate about open-source software, I like to try leading-edge technologies such as Rust and apply the lessons learned to my everyday code.

This CV is powered by React, Typescript and built by Webpack.

View source on Github:
https://github.com/arthur-jaouen/cv

♡ Interests

⚙ Personal projects   ♟ Chess

🏄 Windsurf   📖 Reading

💼 Work experience

Dec 2019 - Mar 2023

IES

IES LTD.
Senior Software Engineer (React, Ruby, C++)
JS • Ruby • C++ • C# • HTML/CSS │ PostgreSQL │ React • .Net

IES provides consulting and software to assess the environmental impact of the built environment. As a member of the iCD team, we sought to bring the Sketchup plugin up to production standards. I upgraded the existing UI to using modern develoment tools, brought performance improvements and implemented new features:

- Development on the iCD Sketchup plugin:
  - Setting up the toolchain for UI development with React, Typescript, Webpack
  - Migration of existing dialogs to React
  - Development of new React dialogs:
    - Backend synchronisation with conflict resolution
    - Reporting tool
    - Scenario management
  - Ruby and C++ work:
    - Performance improvements
    - Geometry generation
    - Data import from 3D sources
- Development on the iCIM backend (.Net):
  - REST endpoints for synchronisation
- Planning and development on a new Decarbonisation Roadmap Tool:
  - Initial planning and roadmap for the project (as a team)
  - Setting up the toolchain for UI development with React, Typescript, Webpack

Feb 2018 - Sep 2019

COMERSO
Senior Software Engineer (React, Android, .Net)
Java • JS • C# • HTML/CSS │ SQLServer • SQLite │ Android • React • .Net

Comerso's goal is to help retail and industry adopt a zero-waste strategy with a strong technological approach. Comerso provides multiple solutions to handle the end of life of retail products:

- Logistics to donate products to non-profit organizations
- Tools to help donate, track due dates and edit discounts for products
- A portal to monitor and manage the end of life of products

As a team of four developers we worked in a Scrum environment, and built up a modern continuous integration workflow based on Azue DevOps. As a full stack developer, I worked on various applications:

- The REST API backend (C#, .Net, .Net Core)
- The internal administration frontend (React, Typescript)
- C-Stats customer portal (React, Typescript)
- Comerso android app, to track due dates and edit discounts for products
- GefMobile android app, to track logistics between retailers and non-profit endpoints

Jan 2016 - Mar 2016

SILAMIR
Full Stack Developer (PHP, Angular, Cordova)
PHP • JS • HTML/CSS │ MySQL • Solr │ Bootstrap • Angular • Cordova

Implementation of an Android and iOS mobile app to display a catalog of products for a large aeronautics industrial company:

- PHP REST API to manage and query the catalog
- Cordova mobile app (Android and iOS) to view the catalog

🎓 Education

2008 - 2011

Two-year degree in Computer Science

At the Lannion Institue of Technology (France) with an emphasis on software engineering

2008

Science A-levels

With an emphasis on mathematics and engineering sciences

⭐ Skills

Development

Android	JS/TS
★★★★★	★★★★★

HTML	CSS
★★★★★	★★★★★

C++	C#/.Net
★★★★☆	★★★★☆

Rust
★★★☆☆

Devops

Linux	Azure DevOps
★★★★★	★★★★☆

Language

French	English
★★★★★	★★★★★

Spanish	Italian
★★☆☆☆	★☆☆☆☆

Sep 2015 - Dec 2015

CONSEPT
Full Stack Developer (PHP, Ruby, Javascript)

PHP • Ruby • JS • HTML/CSS │ SQLServer • MySQL │ Ruby on Rails • Bootstrap • jQuery

Implementation of a REST API using Ruby on Rails:
- User and client authentication
- Endpointd to an existing SQL Server database
- Unit and functional testing

Implementation of a customer portal for an accounting company:
- Dashboard with KPIs for agents and customers
- Integration of an existing EDM
- Messaging interface between agents and customers

Apr 2011 - May 2015

FACTORFX
Full Stack Developer

PHP • Java • Ruby • Python • JS • HTML/CSS │ MySQL • PostgreSQL • SQLServer │ Rails • Android

Enterprise service around open source software:
- Web and Android applications development
- Custom plugin development for open-source software (OpenERP, Alfresco, OCS Inventory, GLPI, Redmine)
- Reporting (Talend, Pentaho)
- Trainings (OCS Inventory, GLPI)
- Member of the OCS Inventory core team