Ruby on Rails

Development Portfolio

About us

ASSIST Software was founded in 1992 and is a software company based in Suceava, Romania. ASSIST Software specializes in outsourcing software development projects.

28 Years of Experience

200+ Full-Time Employees

240 Clients around the world

463 Projects Completed since 1992

ASSIST
Innovative Minds

Our Expertise

1 Application development from scratch, maintenance & improvement of existing applications;

2 Full development process from idea to deployment, including database architecture, implementation, integration with different clients, and deployment;

3 External integrations such as Shopify, Wallee and other payments providers; Google Text-to-Speech and Speech-to-Text; Amazon Web Services; Vonage (formely Tokbox) for WebRTC capabilities and various others;

4 Development of fully integrated Rails applications, API-based that cover all the requirements that a client might have;
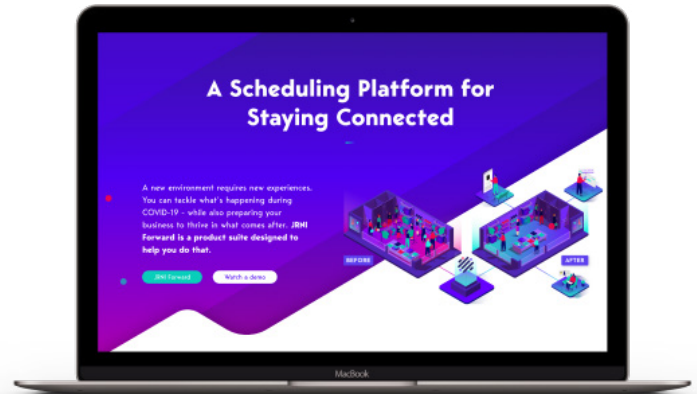
5 Officially part of the list of companies on the Rails Event Store website: https://railseventstore.org/.

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JRNI

JRNI is a reliable and fully booking system. It is a customer engagement platform that can be **easily integrated** and **used in any platform** or website thanks to its versality. It optimizes human-to-human experiences, which increases revenues, customer loyalty and customer lifetime value.

Based on the types of bookings offered, appointments, events and courses, it is the best fit for almost any requirement. When we started collaborating with JRNI, we joined their back-end team and worked on maintaining the platform and adding new features.

Our focus was on **improving their PDF system**, **developing their calendar integrations** with different third party such as **Outlook**, **iCal,** or **Google Calendar**. We were also part of the team that developed from scratch a middleware integration between the main platform and an important client.

A Scheduling Platform for
Staying Connected

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SterilTrack

Nowadays in many sterilization facilities, processes are not automatized and people are still using Excel files, or even pen and paper to keep track of every medical kit or surgical instrument that goes through washing sterilization and this can obviously be improved.

This is where SterilTrack comes in SterilTrack is an **RFID software solution** that aims to help sterilization facilities to better control and monitor the sterilization process. It consists of two major modules:

• **The first one** is a web application that stores all the details about every medical kit or surgical instrument that goes through the washing and sterilization processes. These details include **RFID** tags, location, process type, timestamps and many others.

• **The second one** is an **Android application** that runs on smart Alien readers and allows sterilization operators to authenticate into the system and start running the operations, for example, receiving and handing over instruments to medical departments, identifying them, selecting the proper washing or sterilization processes and validating the load.

Learn more

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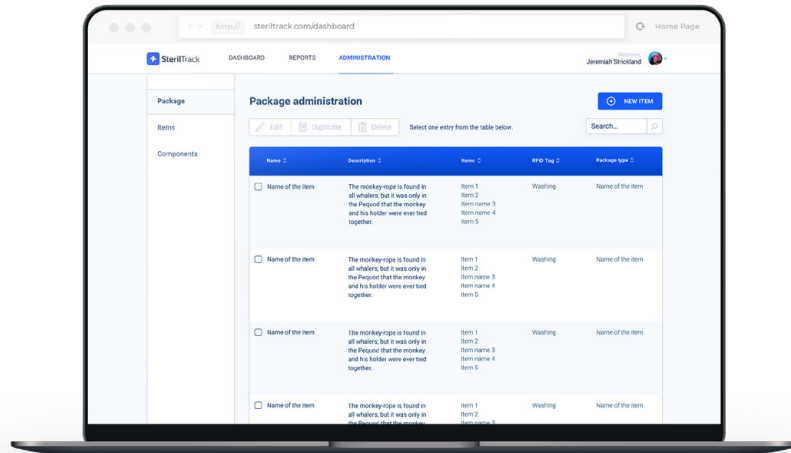
RBAT (RFID based asset tracking)

The main objective of RBAT project is to track and keep records of assets going through entities that a user is customizing using **RFID tags** and/or **QR codes**.

The app consists of two major modules:

The first one is a web application where the admin can customize assets and entities, which will be accessible on any device by authorized users.

The second one is an Android application. Users will use the mobile app to scan the assets and keep track of them.

Our solution is something general which can prove value in a diverse range of industries.
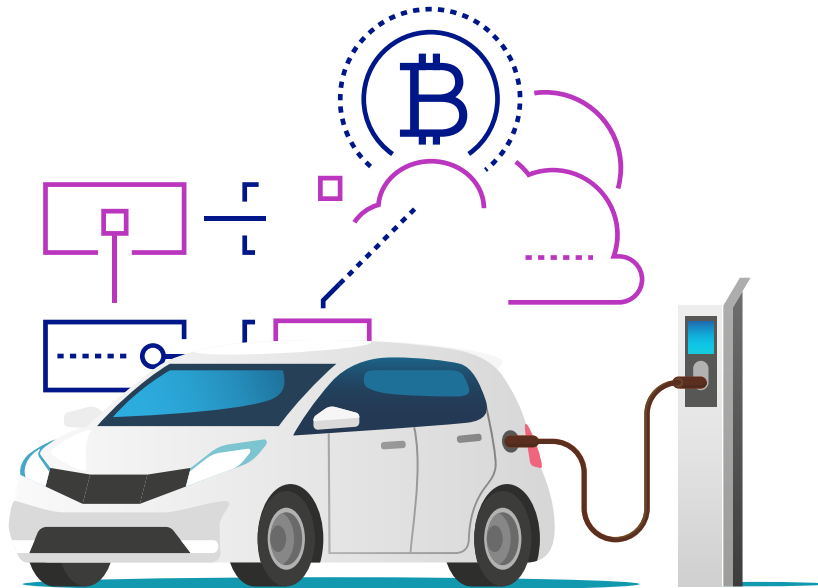
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Smart EVC Platform

The **Smart EVC Platform** is a nationally-funded project that started in June 2020. The project aims to build a software platform for the management of **EV charging stations** on top of the latest OCPP version.

Some of the most important features of this platform include an **AI module** for smart scheduling, a **Blockchain system** for peer-to-peer charging, and a wrapper over the **OCPP protocol**.

Learn more

SmartEVC

Blockchain platform

The main objectives of the Smart EVC Platform are:

- Development of a platform meant to unify the different methods of connecting the electric vehicles to the charging stations.

- Unification of payment methods for charging electric vehicles by using **Blockchain technology**.

- Development of an intelligent reservation module for charging stations, using machine learning algorithms.

- Development of a mobile application that facilitates the user's interaction with the charging stations and that generates intelligent alerts on the upcoming charging options, using various parameters such as driving style or technical parameters of the vehicle.

- Strengthen charging station networks by supporting and encouraging private station owners to allow reservations and recharging for a fee.

ASSIST Software is responsible for the development of the online charging platform, mobile applications, intelligent reservation module for charging stations, using machine learning algorithms.

Advantages of using
Ruby on Rails Web Development

Dynamic and simplistic
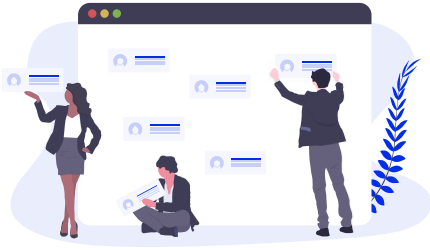
Built for quick development

Code maintenance

Community and support

Loved by famous start-ups

Cost effectiveness

Collaboration Models

Project-based

Clear requirements
Product Owner
Dynamic team scaling
Self-managed
Cost per project

Dedicated Team

Clear requirements
Product Owner
Fixed Team
Self-managed
Milestone-based cost

Team Augmentation

Clear requirements
Product Owner
Mixed teams
Shared tools
Joint ceremonies
Time/Material

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Digital **challenges**?
Let us help you!

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