

Frederic Rousseau

Lead Software Engineer

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github.com/fredericrous

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A senior engineer with over a decade of commercial experience in software development. Experience in leading teams, mentoring engineers and software architecture.

Agile Practice ▪ Progressive Web Apps ▪ SaaS scaling ▪ TDD ▪ Accessibility

TECHNICAL SKILL SET

Technologies	Database	Framework / Libraries	Tools
Javascript	PostgreSQL,	React, Redux, React-Query, NextJs,	Git, Vim, IntelliJ
Typescript	MySQL, Oracle,	Remix, Testing-Library, Angular,	Idea, Figma,
HTML5 / CSS3	MongoDB,	EmberJS, Sass, Jest, Playwright,	Docker, Debian,
NodeJS	InfluxDB, Redis,	MSW, Webpack, ExpressJS, NestJS,	MacOS
	Elastic Search	AWS Lambda, Vite	

EXPERIENCE

Senior Frontend Software Engineer 1 yr 8mo · Dublin
Teckro Mar 2022 – Oct 2023

Created a multi-frontend architecture, reduced code needed for tests by 40% and raised coverage from 30% to 80%. Reduced code needed for storing data locally by 70%, created complex ui components. Lead a multidisciplinary team to redesigning critical pages and increase customer retention
Skills: Mentoring, Code Quality Oversight, Project Management, Typescript, React, Redux, Testing Library, MSW

Lead Frontend Developer 11 mo · Dublin
Storyful Apr 2021 – Feb 2022

Working on 4 frontends projects. Improved loading performance and navigation performance of the customer facing market place. Rearchitecting a chrome extension used everyday by journalists
Skills: Plan, mitigate risk, negotiate, execute, monitor, Typescript, React, Redux, NextJS, EmberJS

Senior Software Engineer 1 yr 1 mo · Dublin
FINEOS Dec 2019 – Dec 2020

Working for a leading software vendor in Life, Accident & Health Insurance.
• Tailored the product to meet clients' specific requirements by extending the Data Model and API, integrating new widgets, and crafting additional pages. Collaborated within a scrum team that included the client, business consultants, and technical consultants.
• Improving the product's bootstrap project and its pipeline, benefiting the entire consulting department
Tech Stack: Javascript / ReactJS, Java, Spring Boot, JPA, Oracle, AWS

SAP 6 yrs 7 mos · Paris
SAP iRPA — Developer Nov 2018 – Nov 2019

While working in close relation with UX team and Product Owner to build the frontend of the iRPA Store
• Planned tasks and empowered 1 new hire and 2 interns
• Built components shared and used throughout the entire suite of micro frontends
• Built microservices for, the Store, a marketplace for skills
• Worked on the unit of execution of the process steps defined in iRPA
Tech Stack: ReactJS, Redux, Cypress, Java / Spring Boot, JPA, PostgreSQL, MongoDB, RabbitMQ, Kibana

SAP

SAP Analytics Hub — DevOps Feb 2017 – Oct 2018

Building the CI/CD for Analytics Hub, a platform to search for BI Reports and documents internal to a company, share them, and manage access.

- Responsible for the efficiency of the development life cycle of 4 cross-country teams
- Supported Developers with tools they use daily for versioning, builds, and Pull Request validations
- Developed tools to extend SAP build systems used by dozens of teams across the world
- Grew and Lead a team of up to 5 devOps
- Active member and speaker at SAP DevOps Club Paris

Tech Stack: NodeJS, Groovy, Spock, Gradle, Maven, GulpJS, GruntJS, Webpack, Jenkins, Fortify, Checkmarx, SonarQube, Artifactory, Docker, Unix, Nginx, Kubernetes, InfluxDb, AWS, SCP, Terraform, Ansible, Python, Git

SAP Business Objects — Developer Mar 2015 – Feb 2017

Working on *Web Intelligence*, the flagship software of SAP BusinessObjects: Firstly, as a Backend developer on maintenance, I fixed issues on the reporting engine. I created the backend for the *Comments* feature on *Web Intelligence*.

Afterward, I worked as a Frontend Dev on the new Single Page Application:

- Leading the development team from 2 to 8 engineers (organized training, mentoring, reviews)
- Organized the full SDLC of the product and got it to pass the latest SAP compliance validations and be released

Tech Stack: Javascript, NodeJS, UI5, WebdriverIO, Redux, QUnit, ActionHeroJS, C++, Git

SAP Business Objects Software Quality Engineer May 2013 – Feb 2015

Tech Stack: Java, JUnit, Selenium, SilkTest, VMWare, Perforce, Oracle, Business Objects, SAP Hana

INTERNSHIPS BEFORE 2013

BeSport — Building a social network for sport enthusiasts *stack: Javascript/Ocaml* 3 mos · San Francisco

Twin View — Built a Garage Management Suite *stack: C# WPF / MSSQL Server* 8 mos · Levallois-Perret

Amundi — Worked on an asset management software *stack: C#, Oracle* 11 mos · Paris

EDUCATION

EPITECH - European Institute of Technology — **MSc, Computer Science** 2008 – 2013, Paris

ISG Business School — **MBA, Organizational Change Management Strategies** 2012 – 2013, Paris

Dublin Institute of Technology — **Diploma, IT Management** 2011 – 2012, Dublin

TECHNICAL COURSES COMPLETED

Javascript The Hard Parts v2, Will Sentance — frontendmaster.com

Javascript The Recent Parts, Kyle Simpson — frontendmaster.com

Hardcore Functional Architecture Patterns in JavaScript, Brian Lonsdorf — frontendmaster.com

Epic React, Kent C. Dodds — epicreact.dev

OTHER

Licenses & Certifications

Lean Six Sigma Green Belt

ISTQB Certified Tester

Driving License

Hobbies

Cycling, Winter Sports

Attend IT Meet-ups

Read about Hinduism, Taoism, Zen and Self Development

Languages

English (fluent)

French (native)