

CONTACT**Email**

mathieu.roussilhe@gmail.com

Phone

+33 6 52 33 54 54

Location

France

LANGUAGES**French**

Native speaker

English

Fluent

Korean

Conversational

EXPERIENCE

Software Engineer [React, Node.js]

Oct 2022 to Present

Dataiku – Toulouse, France

Architected CSS-inspired 3-tier theming system with deterministic snapshot-based design and O(1) style resolution, enabling instant rebranding across 80+ properties with real-time collaboration

Pioneered GenAI infrastructure; built layout algorithm eliminating spatial errors for slide generation and privacy-preserving chart insights, delivering demo contributing to Gartner Leader status

Lead Frontend Engineer [React, React Native]

Jul 2020 to Jul 2022

QMIT – Seoul, Korea

Led 4-engineer frontend team building athlete monitoring web and mobile platforms serving 5,000+ users

Architected config-driven 6-step chart system reducing chart implementation time from days to minutes, eliminating code duplication and generating 90+ charts from 8,000-line configuration

Founding Engineer [Vue, Node.js, AWS]

Jan 2019 to Jul 2020

Withgoods – Seoul, Korea

Built print-on-demand platform from 0 to 1 as founding engineer, recruiting and leading team of 4 engineers

Engineered canvas editor and image generation pipeline that generated 200,000+ photorealistic mockups with sub-10-second generation time via parallel serverless processing

Implemented on-the-fly image optimization via CDN and serverless processing, reducing served image sizes by 96% (3-5MB to 120-200KB)

Fullstack Engineer Intern [React, Vue, Node.js]

Jun to Dec 2018

Sleek – Singapore

Engineered automated billing and reminder system reducing overdue payment rate from 40% to 5%, eliminating manual payment follow-up

Rewrote legacy frontend (15+ pages), accelerating development workflow and improving code stability

Fullstack Engineer Intern [React, Meteor]

Oct 2017 to Mar 2018

Maevents – Paris, France

Automated client management and contract generation, reducing process time from 2 hours to 5 minutes per client

Backend Engineer Intern [PHP, MySQL]

Mar to Aug 2016

Hub-Grade - Lyon, France

Designed database schema and built REST API as sole backend engineer for office rental platform, supporting launch to 1,000+ businesses

Fullstack Engineer Intern [Bootstrap, PHP, MySQL]

Apr to Jul 2014

SNCF - Dijon, France

Built knowledge management system enabling 40+ technicians to document and rate repairs, replacing tribal knowledge with searchable database of 200+ solutions

EDUCATION

Master's degree in Computer Science

2014 to 2018

EPITECH - Paris, France

Exchange program in Computer Science

2017

Chung-Ang University - Seoul, Korea

SKILLS

Frontend

JavaScript, TypeScript, React, Next.js, Redux, HTML, CSS, styled-components

Backend

Node.js, Express, REST, GraphQL, SQL, NoSQL, AWS, GCP

Tools

Unix, Git, ESLint, Jest, Storybook
