MATHIEU ROUSSILHE

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 2018 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 2016 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 2014 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