



# Adrien Gerd़ay Senior Frontend Engineer

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- 📍 Based in APAC (Seoul · Bangkok · Singapore) | Open to Remote or Hybrid
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## PROFILE

Senior Frontend Engineer with 6+ years of experience building and leading React & Angular applications for finance, government, and SaaS. Skilled in TypeScript, Node.js, and CI/CD architecture, with a strong record of delivering scalable, high-performance platforms. Experienced in frontend architecture, React Hooks, and microservice integration, improving developer efficiency and system reliability. Passionate about clean UI, performance optimization, and end-to-end delivery from concept to production.

## SKILLS

- **Frontend:** React, Angular (8-17), TypeScript, Redux, Zustand, MUI, Vite, Zod
- **Backend:** Node.js, Java (Spring Boot), REST APIs
- **Tools & Other:** Firebase, CI/CD (GitLab), PostgreSQL, Agile

## PROFESSIONAL EXPERIENCE

### Full-Stack Solo Developer – Full Accounting Application

02/2025 – Current | Remote

Numbr (Self-Initiated Product) ☀

React, TypeScript, Node.js, Firebase (Auth + Firestore + Hosting + Functions)

- Architected and launched a full accounting SaaS platform end-to-end, owning design, frontend, backend, and deployment.
- Implemented a responsive React + TypeScript interface with secure authentication and real-time Firestore sync.
- Deployed production-ready workflows through Firebase Cloud Functions and Hosting, with dashboards optimized for small-business users.
- Tested and validated core modules using Vitest, ensuring reliability and maintainability across critical features.

### FPS Finance – Multi-Client Tax Management Platform (Front End Lead)

01/2024 – 02/2025 | Belgium

Egov Select ☀

Angular 17, TypeScript, RxJS, Angular Material

- Migrated platform from Angular 8 → 17, modernizing stack and eliminating legacy issues.
- Introduced a modular architecture, cutting rollout time for new clients by 30%.
- Reduced support tickets through real-time validation and improved UX patterns.
- Engineered a dynamic, configurable form-stepper framework adopted across 4 client systems, streamlining workflow creation.
- Optimized CI/CD pipelines to cut deployment time by 30 %.

### FPS Finance – Advanced Data Visualization Platform (Front End Lead – Angular | Back End Lead – Java)

01/2023 – 01/2024 | Belgium

Egov Select ☀

React, TypeScript, Redux, Java (Spring Boot), Recharts

- Engineered a React-based data analytics platform for large-scale, real-time visualization across multi-country datasets.
- Implemented advanced charting modules (bubble, line, mixed) with real-time annotations, custom formulas, and interactive features.
- Delivered high-performance tables and visuals handling over 1M+ records with smooth UX.
- Developed interactive data tools (zoom, annotations, and custom formulas) improving analyst efficiency by 40%.
- Implemented backend logic in Java to support real-time data shaping and live calculations.

### FPS Finance – Document Factory Platform (Front End Lead, Backend Assist)

08/2020 – 01/2023 | Belgium

Egov Select ☀

React, TypeScript, Java (Spring Boot)

- Delivered a document-automation platform adopted by multiple federal departments, digitizing millions of citizen workflows and modernizing legacy systems.
- Enabled digital citizen responses, replacing paper-based workflows.

- Designed a drag-and-drop UI with reusable templates, cutting creation time for officials.
- Improved collaboration across multiple SPF Finance teams through system standardization that enhanced cross-team coordination and maintainability.
- Collaborated with backend to implement scalable Java template engine improving reliability.

#### **FPS Finance - Earlier Projects (Front End Lead, Backend Assist)**

01/2020 – 08/2020 | Belgium

Egov Select ☘

Angular 8, TypeScript, Java, XML, Excel

- Engineered enterprise-grade Angular modules processing over 1 million records with optimized scalability and responsiveness.
- Standardized validation logic and developed i18n-ready components, improving maintainability across projects.
- Optimized Excel export and XML processing pipelines, cutting data-handling and export time by 50 %.

## **EDUCATION**

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#### **Full-Stack Developer & Agile Training**

09/2019 – 12/2019 | Belgium

Switchfully ☘

Intensive bootcamp focused on Angular, Java (Spring Boot), modern frontend architecture, testing, and agile practices. Specially trained to be company-ready and production-ready through real-world projects and agile team simulations.

#### **Bachelor Degree**

09/2016 – 06/2019 | Belgium

EPFC ☘

Comprehensive degree program covering software development, algorithms, data structures, databases, networking, and system architecture.

## **ADDITIONAL INFORMATION**

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- **Other Skills:** Leadership, mentorship, teamwork, UX collaboration, adaptability, project planning, prioritization, attention to details.
- **Languages:** English (fluent), French (native), Dutch (intermediate), Korean (beginner).