

Aurelien ARINO

SOFTWARE ENGINEER

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Experience

Withthegrid - AMP (Asset Monitoring Platform)

Amsterdam/Utrecht, NL

SENIOR FRONTEND ENGINEER

January 2022 - Present

- Collecting measurements from thousands of devices into a timeseries database (TimescaleDB)
- Processing these measurements to raise alerts for connectivity issues, or measurements crossing user configured thresholds
- Fully featured issue management with labels, assignees, comments and attached files - Rendering complex graphs from recent or aggregated data with many data points
- Provide fully customisable analytics panels with widgets displaying the data in tables, graphs or maps
- Show the devices on a map with cached vector tiles, providing or accepting a variety of different map layers to show electric, gaz, water lines

Async/Storyscript/Story.ai

Amsterdam, NL

SOFTWARE ENGINEER

March 2019 - November 2021

- Creation of a complete and novel text editor in Typescript, backed by a WASM, then WebSocket, engine written in Rust
- Integrating and maintaining pixel-perfect landing pages, with 3 different websites, and several versions over time
- Multiple backend services: Authentication APIs, REST and GraphQL APIs, WebSocket servers
- Several third-party services integration, such as: Twitter, Slack, GitHub, Discord, Twitch, Xero, Stripe, and many more

Thales Services SAS

Mérignac, FRA

DEVOPS ENGINEER INTERNSHIP

September 2018 - February 2019

Management of the whole on-premise technical stack for multiple teams, which totaled about 40 developers:

- GitLab and GitLab CI
- Automated deployment scripts with Ansible and AWX (Ansible Tower)
- Artifactory with Sonatype Nexus (JARs, WARs, Docker Images)
- Code quality and security with SonarQube
- Automated, nightly, complete server on-site and off-site backups

uReflect

Bordeaux, FRA

END OF STUDY SCHOOL PROJECT - LEAD WEB DEVELOPER

June 2016 - January 2019

uReflect is the first touchscreen connected mirror fully customizable thanks to its facial recognition

Customer Spot

Bordeaux, FRA

ANGULAR WEB DEVELOPER

April 2017 - September 2017

Webulle, Web and Communication Agency

Bordeaux, FRA

FULL-STACK WEB DEVELOPER

July 2016 - March 2017

Skills

Frontend Vue, Svelte, HTMX - TailwindCSS - WASM, WebWorkers, PWA, Electron

Backend REST (Express, Koa, Axum), GraphQL (Apollo), Websockets

Other software languages Dart, Rust

Ops Docker, Terraform - CI/CD Tools (GitHub Actions, CircleCI, Concourse)

Languages French: native, English: professional/fluent - TOEFL iBT 80/120 - TOEIC 865/990 (2017)

Education

EPITECH

Bordeaux and Paris, FRA

EPITECH MASTER DEGREE IN COMPUTER SCIENCE

2014 - 2019

California State University Long Beach

Long Beach, CA USA

AMERICAN LANGUAGE INSTITUTE - STUDY ABROAD @ BEACH

October 2017 - May 2018