➤ Mikael **Gramont**

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Senior Web Developer with 15+ Years of Expertise in Front-end and Back-end Development in a range of environments.

Dedicated to delivering high-quality work, striving to meet the needs of product and design teams, and most importantly, the needs of their end-users.

Web standards, accessibility, performance and security are always on my mind.

➤ Recently using

- TS Typescript
- ⚛ React
- NodeJS
- NEXT. Next.js
- GraphQL
- PostgreSQL

➤ Previously used

PHP, Scala, Python, Ruby on Rails, C, Polymer, Java, WebGL, MySQL

➤ Experience

Senior Front-End Engineer at **Bit Complete** (Remote)   June 2020 - Present

- Led efforts to rewrite front-end test infrastructure for Snapchat's Consumer Web team Used a combination of Storybook, Playwright and Jest Image Snapshot to generate stable screenshot tests of React components.
- Led UX design explorations, and built the front-end for the rewrite of a Next.js based forum-like application.
- Cleaned up and stabilized the front-end codebase of an internal code review tool.
- Mentored junior front-end developers joining the team.

Front-End developer at **OnRewind** (Bidart, France) Feb 2018 - Jul 2019

- Led the development of a white label Web app (Node/Express/React/GraphQL)
- Rewrote the permission model of OnRewind's ReST API

Senior UX Engineer at **Google Cultural Institute** (Paris, France) Aug 2016 - Sept 2017

Built various features and pages of Google Arts & Culture's hybrid web/native application

Senior UX Engineer at **YouTube** (San Bruno, California) Oct 2011 – Jul 2016

- Introduced responsiveness to YouTube desktop site's heaviest traffic pages
- Led the homepage front-end through multiple redesigns
- Led the efforts to improve accessibility across the desktop site

Senior Front-End Engineer at **Grid Net** (San Francisco, California) Sep 2010 – Sep 2011

- Planned and performed transition of legacy PHP code to modern standard
- Built complex Javascript widgets for data visualization
- Created a NodeJS/WebSocket prototype for realtime data streaming

➤ Experience (continued)

Full-stack Engineer at **Carsala** (Berkeley, California) Jun 2010 - Sep 2010
- Took over ownership of the whole codebase and rewrote all front-end code
- Handled database migrations and maintenance

Web developer at **Gibmédia** (Toulouse, France) Jan 2007 – Jun 2010
- Built multiple front-ends for a tax calculation app (similar to TurboTax)
- Designed and implemented a PHP library to handle e-commerce payments
- Maintained a Flex application (I know... but Flash was hot at the time!)

Systems & Software Engineer at **Alten** (Toulouse, France) April 2003 - Jan 2007
- Wrote embedded C code for fuel injection ECUs
- Wrote pollution diagnostic specifications for the Mini's ECU

➤ Licenses & Certifications

Design 101 Course at **Designlab** (trydesignlab.com) May 2015
- Online design course for beginners
- Several projects over the course of 6 weeks, meeting online regularly with a mentor for guidance

PHP5 Certification by **Zend** (Online) Apr 2008
- General knowledge of the language, security, and best practices

➤ Education

Electronics Engineer at **CESI Midi Pyrénées** (Toulouse, France) Oct 1999 – Oct 2002
- Was an apprentice for 3 years
- Wrote embedded C for bus ECUs
- Designed and prototyped PCBs

DUT GEII at **IUT Paul Sabatier** (Tarbes, France) Sep 1997 – June 1999
Electrical Engineering technician degree

➤ Languages

French - native tongue

English - fully fluent

Spanish - beginner/intermediate