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EDUCATION

- CS for Web Programming**
Harvard University • 2020 (6m)
CSCI E-50x + CSCI E-33a
Web Frameworks and Apps
- CS Engineer - Diplôme d'Ingénieur**
Polytech Lyon, France
2014 – 2017
Design complex systems, apps & protocols, teamwork
- CS Analyst & Developer**
DUT - 2-year University Degree
Bourg-en-Bresse, France
2012 – 2014
Get professional knowledge
Algorithms, Network & more

CERTIFICATIONS

- Web Accessibility Training**
WebAIM, Web A11Y in mind
Utah State University • 2024
WCAG 2.2, ARIA
- ITIL 4 Foundation**
PeopleCert • 2024
IT Service Management
- CISSP • 2024**
Alison.com • 2024
Data Integrity and Security
- Mobile Web Specialist**
Google • 2020
Build accessible, responsive & performant websites
- UI / UX Design**
DesignCourse • 2024
Uxcel • 2024

EXPERTISE

Senior Web Developer with 10+ years of experience that fell in love with UI Design. Concerned about Accessibility, Performance, Responsiveness. Strong knowledge of both Graphic and UI Design. Proficient in JavaScript, React, Angular, Python, NodeJS, Java, Spring, TypeScript.

EXPERIENCE



Full-Stack Developer

BnL – National Library of Luxembourg / 2025 – Current / Luxembourg

Java Spring △ Nuxt / Vue ↗ TypeScript 🦄 Figma

The National Library collects, catalogues and preserves all analogue and digital publications published in Luxembourg and any works published abroad that relate to the Grand Duchy.

Provide highly accessible websites for the public that matches the State's requirements, Design and update websites according to the BnL design guidelines, organizing meetings with the communication teams and reviewing with management.



Senior Web Developer - Consultant

European Commission (via Cronos) – DIGIT B3 / 2023 – 2025 (1y 8m) / Luxembourg

Java Spring ⚡ Angular ⚙ Ngrx ↗ TypeScript ○ Oracle PL/SQL ✨ Karma

DIGIT B3 enables trust and brings innovation, digital identity and signature to other commission's solutions and permits 30+ million users to login and manage their account.

Develop highly maintainable, tested, and documented solutions, Onboard and train team members, providing materials, guidelines, and meetings, Provide specific tools that automate work and permit to gain efficiency and standards, Develop solutions around Provisioning such as Reporting, multi-step Workflows, validations, and simulation, as well as reusable components Participate in design meetings, gathering feedback to develop the best feature according to needs, performance, and error handling.



LogTrack: Complete Saas Logistics ERP

Independent Project / 2019 – Current (5y) / Remote

🦄 NestJS 🌐 React ⚙ Redux 🗄 PostgreSQL 💎 OpenLayers 📊 Sass ReCharts 🦄 Figma

LogTrack aims to revolutionize the logistics sector by providing state-of-the-art features and advanced interfaces to increase productivity and efficiency.

Develop an advanced role-based system with complete audit, Customize the app with your company's color, equipments, employees, warehouses... Publish your job offers, company's posts, and analyze your productivity, Complete maintenance with 574 equipment models registered, Follow your equipments and employees position and activity in real-time.



Senior Web Developer & Design System Engineer

Amalia / 2020 – 2023 (2y 10m) / Lille, France & Remote

🦄 NestJS 🌐 React ⚙ Redux 🗄 PostgreSQL ↗ TypeScript 🔄 Cypress 🎨 Material-UI 🌐 NX

Amalia is a startup building a sales commission saas product. It raised 4 million euros and is part of Next40, has 6k+ users and provides services for Swile, TheFork, Qonto, Mirakl...

Create and implement new test strategies using RTL and mocked Cypress tests, Mentor and train team members, providing materials, guidelines and meetings, Review code as well as mock-ups, participate in UI and technical design, Develop and maintain modules, including data connectors and cloud run functions, Implement a Design System, reusable components and ESLint rules, Increase code quality and coverage by 16%, for better maintenance and less regression, Enhance performance using Redux, and accessibility following guidelines.



UI Designer & R&D Web Developer

Sogelink (via Intitek) / 2018 – 2019 (1y 1m) / Lyon, France

⚡ Angular 🌐 Java Spring 🐍 Python ↗ TypeScript 🌐 ThreeJS

Sogelink is a solutions provider for all workers involved in the infrastructure, building sites, and urban resource management with 37k+ customers.

Design and develop highly reusable, maintainable, and performant components, meeting with the design team and other product teams, Build a UX-first strategy for complex forms, monochrome and bi-tone icons, Optimize 3D scatter plots filter and transformation algorithms, Use the GeoServer API to update PCRS and Geometry Layers in real-time, Train new colleagues for the tech environment, Git, and Angular technologies.



Graphic & UI Designer

Freelance for TC Gannay / 2019 (3m) / Remote

MAIN SKILLS






- **Front-End**
Develop highly maintainable, accessible, and performant websites and components using CSS, Sass, Less, BEM, JavaScript, TypeScript, React, Angular, NextJS
Webpack, yarn, NPM Modules

UI & UX Mindful
Progressive Web Apps
Pixel-perfect Implementations
Responsive Websites – Audits
- **Back-End**
Java – Spring, Jakarta
Python – Flask, Django
NestJS

API & Protocols
REST – CRUD – Web-Services
Async & Socket Processing
- **UI Design**
Figma – Gimp – Inkscape
Good knowledge of SVG and PDF

Complex Prototyping
Branding – Color Schemes
Design Systems - Storybook




OTHER SKILLS


- **Digital Marketing**
Call-To-Action (CTA)
Target Audience – Personas
A/B Testing – SEO
- **Mobile Apps**
Android, React Native, Expo
- **Databases**
MySQL, Oracle, Postgres, Redis, HFSQL, MongoDB, SQLite, Firebase Firestore
- **Ops**
Apache, Tomcat, Let’s Encrypt, GCloud (Functions, App Engine, Cloud SQL...), Docker
- **Machine Learning**
MapReduce, Hadoop, QlikSense


LANGUAGES

- French** – Mother Tongue
Orthographic Certification Voltaire
- English** – Full Proficiency
TOEIC 910 / 990 – EFSET CEFR C2
- Italian** – Low Proficiency
- Luxembourgish** – Learning, very low Proficiency







EXPERIENCE CONTINUED

- **Web & Chrome Extension Developer for Real Estate and Job Offers**
Part-Time for lunex Group / 2017 (9m) / Remote
- **Web Developer & UI Designer**
Maincare (via Intitek) / 2017 – 2018 (7m) / Lyon, France
Java EE BackboneJS Bootstrap
Maincare is a health IT solutions provider. It equips more than 80% of French hospitals and focuses on patient and medication tracking to help doctors and prevent errors.
Design and Develop new functionalities, Participate in specifications meetings, Providing documentation about new components I develop and integrated, Debate about form UX design with a surgeon, taking into account equipment, ...
Work on patient path and develop a module about planned future venues.
- **Web Developer, UI Designer & Branding**
VDS Consulting / 2017 (8m) / Remote
Symfony Java Spring NodeJS
VDS Consulting is a very small company that aims to develop fully custom products for their customers, from ATS to e-commerce websites.

Meet with customers, Write Specifications, Design layouts and views, Develop an e-commerce platform with back-office, 10k+ products and online checkout, Develop independant & automatic CV creation module, calling official European Commission APIs and custom APIS and generating on-the-fly PDFs, Audit website for web-marketing, UI design and accessibility problematics.
- **Web Lead Developer**
Brayton Global / 2015 – 2016 (15m) / Full-time / Antwerp (Belgium) then Remote
Symfony Bootstrap jQuery
Brayton Global transforms the fluvial logistics. With Vemasys, validated by Interreg (European Commission Danube modernization program), all stakeholders can communicate together for better performance and competitiveness.

Design and Develop a complex architecture with cache storage and modular architecture, Implement Front-End following mock-ups and solving ergonomic problems, Participate in specifications meetings with the Product Owner and Fleet owners, Design and Develop a scalable map with layer server and 25k+ pointers, Organize daily tasks of the team, track short-term and long-term progress.
- **Software Developer for a Traceability tool interfacing with SAP**
CNH / Fiat Industrial / 2014 (4m) / Full-time / Bourbon-Lancy (France)

PRODUCTS & PROJECTS

- **Crypto-Viewer** – Android Mobile App to track crypto-currencies & your assets
React-Native Expo TypeScript
- **Air Data** – Airlines Data Viewer with 800+ companies and 10,000+ routes
Firebase Real-Time Database VueJS Leaflet QGis
- **BC-Font** – The Developer Font with 1,200+ icons
React TypeScript Gimp Webpack Inkscape
- **Velov** – Deep analysis of French renting bike company
jQuery ChartJS Leaflet Talend ETL QlikSense
- **ZestBank** – Refreshing Online Bank Concept • “Best Logo Design” by Design Rush
Adobe Xd Figma
- **Nescafe Dolce Gusto Webstore** – E-commerce website to order coffee pods & machines
Django SQLite React Material UI

INTERESTS

- **Music**
Listening & Creation
- **Hardware**
Repair
- **Computers**
Build, Upgrade & Repair
- **Tennis**
Club Member
- **Aeronautics**
Simulation + News
- **Modelling / DAO**
3D Modelling & Rendering