

Sylvain Boulade

Software Engineer

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SUMMARY

I am a versatile engineer comfortable on the backend and the frontend with more than 10 years of experience. I enjoy tackling business problems and finding ways to overcome them with my engineering expertise. I strive to produce value and high-quality work in collaborative environments.

SKILLS

Programming Languages: TypeScript, JavaScript, CSS, HTML, MySQL/PostgreSQL, PHP, Java

Technologies: Node.js, React / React Native & ecosystem, GraphQL/REST APIs, Git, Jest/Vitest, Cypress/Playwright, styled components/Sass/less, Docker, Sequelize, AWS

EXPERIENCE

Shine

Jan 2023 – now

Senior Software Engineer

Paris, France (Remote)

- Overhauled the backend architecture and data model of the subscription system (Node.js / TypeScript).
- Implemented complex user onboarding flows based on state machines in our web application (React / XState).

smartclip

Oct 2020 – Dec 2022

Senior Software Engineer

AdTech, Hamburg, Germany (Remote)

- Designed and implemented an internal Node.js / TypeScript framework streamlining the creation of API microservices, automating common features (authorization, validation, error handling, filtering and sorting).
- Extended and maintained a Node.js / TypeScript API library used throughout the company's microservices.
- Implemented and maintained various Node.js / TypeScript microservices.
- Extended and maintained a TypeScript component library based on React used by multiple internal teams.
- Implemented and maintained internal and client web applications using our component library.
- Mentored and supported junior and senior team members.
- Collaborated directly with stakeholders, product owners and design teams to plan for upcoming projects and features.

Kontist

Feb 2019 – Oct 2020

Senior Software Engineer

FinTech, Berlin, Germany (Remote)

- Implemented an open-source Node.js / TypeScript SDK allowing consumers to use our banking system (OAuth2 and MFA flows, access to user banking data, ...).
- Implemented and documented a public Node.js based GraphQL API to go along with our REST API, opening our banking system to third parties.
- Migrated our authentication and authorization system to an OAuth2 based flow, allowing scoping as well as granular Multi-factor authentication (Node.js / TypeScript).

- Contributed to one of the core open source libraries (TypeGraphQL) used by the company's Node.js backend.
- Designed and implemented advanced filtering and search for bank transactions and transfers in our backend and client applications (web, iOS, android).
- Collaborated with the product team to identify customers' pain points, estimate feature development time and break them down to actionable individual work units

DIGINEXT

Nov 2018 – Feb 2019

Software Engineer (Contractor)

Critical Operations, Toulouse, France

- Implemented a native application based on React for Firefighting departments to organize assets and personnel in critical operations.
- Implemented a React based web application to manage critical cartographic information for military operations.

Occitech

Mar 2017 – Nov 2018

Software Engineer

E-Commerce, Toulouse, France

- Implemented and maintained a platform agnostic e-commerce product (Front-Commerce) based on Node.js, GraphQL, React.
- Developed and deployed client e-commerce sites based on the Front-Commerce product.
- Maintained, refactored and implemented new features on existing company projects (JavaScript, PHP).

ITWP / Harris Interactive

Jan 2015 - Mar 2017

Technical Lead

Market Research, Paris, France (Remote)

- Technical design and development of web applications for our clients (JavaScript, React).
- Implementation and feature development of internal tools.
- Part of the company-wide technical committee overseeing engineering practices and processes.

Harris Interactive

Jan 2011 - Jan 2015

Software Developer

Market Research, Paris, France

- Development of modular and reusable web components and interfaces (JavaScript, CSS).
- Code review, onboarding and mentoring of junior internal team members and external contractors.