Aymeric Beaumet

SENIOR BACK-END ENGINEER

PROFILE

Software Engineer with a five-year experience in designing, deploying, and monitoring performant, scalable, and resilient Node.js back-ends. Keen interest in Go and Rust. Eager to solve problems.

CONTACT

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PROFESSIONAL EXPERIENCE

Senior Software Engineer

PAYFIT (PARIS)   Feb 2019 - Apr 2019

Revamped the whole Rust build process to make the feedback loop 60 times faster. Set up the foundation for performance-driven development (deterministic testing environment, metrics reporting).

↳ Rust, TypeScript, WebAssembly, AWS

Back-End Engineer (Freelance)

JUMBO PRIVACY (REMOTE)   Jan 2019

Produced a fully working server-side implementation enabling users to clean their Facebook and Twitter accounts. Developed an extensible Finite-State Machine engine allowing to add new sources in the future.

↳ Node.js, Puppeteer, Heroku

Software Architect

BRIGAD (PARIS)   Sep 2017 - Oct 2018

Led the implementation of a new infrastructure with a focus on maintainability, high availability, and resiliency. Planned and coordinated the technical internationalization effort to reach the UK market. Standardized all the teams to use Terraform to allocate their resources depending on their needs autonomously. Defined SLI and SLO for the ops, backend, web, and mobile teams to ensure performance never regresses.

↳ JavaScript, Node.js, hapi, AWS, Terraform, Traefik, Nomad, Consul, React, React Native, Jest, CircleCI, New Relic

Lead Back-End Engineer

BRIGAD (PARIS)   Jan 2017 - Aug 2017

Advocated an agile approach and better GitHub usage for improved efficiency. Organized biweekly 1:1 with the 6 engineers with direct report to the CTO. Handled the critical API migration from a monolith to a micro-services event-driven architecture. Setup unit and integration test policies, along with automatic execution on a CircleCI, allowing to prevent most of the bugs to reach a production environment. Setup a robust code structure allowing to scale the team.

↳ JavaScript, Node.js, hapi, AWS, Terraform, Jest, CircleCI

Back-End Engineer

MICROSOFT (NEW YORK CITY)   May 2015 - Aug 2016

Gracefully handled Sunrise end of life for its 5 million users by adding support for its most popular proxies (Evernote, Facebook, and Wunderlist) to Outlook Mobile. Developed an at-scale avatar resolution service for Outlook Mobile. Successfully deployed and monitored the proxies and avatar micro-services for the 35 million Outlook Mobile users. Defined SLI, SLO, and joined the PagerDuty on-call rotation for all the Outlook Mobile services.

↳ JavaScript, Node.js, Express.js, hapi, Redis, MongoDB, Heroku, AWS, Azure

Full-Stack Developer

CAPTAIN DASH (PARIS)   Jul 2014 - Apr 2015

Developed a pluggable synchronization engine. Fetched live data from the Twitter Stream, Google Analytics, Instagram, and Mention APIs, but also from RSS feeds. Developed a web client (SPA) to display the collected data.

↳ JavaScript, Node.js, Express, MongoDB, Mongoose, Redis, AWS, AngularJS, Socket.IO, Pug, Stylus, Gulp

EDUCATION

Engineer's Degree, Computer Science

EPITECH (PARIS, FRANCE)   2010 - 2015

Master's Degree, Advanced Computer Science

UNIVERSITY OF KENT (CANTERBURY, UNITED KINGDOM)   2014

TECHNICAL SKILLS

- Node.js (5 years), Go, Rust
- AWS (4 years), Docker, Terraform
- Vim

ACTIVITIES

- Cycling, Skiing, Tennis
- Programming, Open-Source
- Devoxx Volunteer