Jean-Christophe Narwa

Senior Staff Engineer | Founding team @ Voggt (acq. Fanatics) | AI backend

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PROFILE

Staff engineer specializing in scalable backend architecture, distributed systems, and database optimization for high-throughput platforms.

As a founding engineer at Voggt, built and scaled the backend supporting growth from €800k to €6M in monthly GMV and from 3k to 20k daily active users.

I translate business needs into practical technical solutions, using AI to accelerate development.

SKILLS

Languages: TypeScript · JavaScript · Java · SQL

Backend and APIs: Node.js · Nest.js · GraphQL · REST

Databases: PostgreSQL · MySQL · Redis · Cassandra

ORMs: Drizzle · TypeORM · Sequelize · Hibernate

Messaging & jobs: Redis Pub/Sub · Google Cloud Pub/Sub · BullMQ · ActiveMQ / Artemis

Infrastructure & cloud: Docker · Kubernetes · GCP · AWS · Azure

Frontend: React.js · Next.js · Vue.js

EXPERIENCE

Veezu Freelance

Oct 2025 — Present

Senior Staff Engineer, Fullstack

Fullstack development and infrastructure in close collaboration with DevOps, building new services and product features from scratch.

- Implemented an AI assistant to find and compare customer bookings across dispatchers.
- Implemented automatic surge pricing based on acceptance time and conversion rate, and automatic B2B booking repricing.
- Built SMS review requests and user management features.
- Developed marketing tools with richer campaign context, client-side event handling, and booking-aware feedback forms with autofill.
- Migrated an existing Weekly Access Fee calculation service from PHP to Node.js.

Technologies

Node.js · Next.js · React.js · TypeScript · Nest.js · Bun · MySQL · PostgreSQL · Redis · BullMQ · GCP · Microsoft Azure

Djamo Freelance

Jun 2025 — Oct 2025

Senior Staff Engineer, Backend

Backend engineering across security, distributed systems, infrastructure, CI, and job scheduling, translating business requirements into technical specifications.

Technologies

Node.js · TypeScript · Nest.js · BullMQ · TypeORM · Redis

Fanatics Permanent

Sep 2024 — Jun 2025

Senior Staff Engineer

Contract transferred from Voggt to Fanatics in September 2024 following the acquisition.

Voggt Permanent

Apr 2022 — Sep 2024

Founding Engineer

Developed and maintained the backend of a live-shopping platform for more than three years, supporting its growth and expansion from France to Spain, Italy, the Netherlands, the UK, and Germany.

- Supported growth between 2022 and 2025: monthly GMV from €800k to €6M, and daily active users from 3k to 20k.
- Tech features: scalability, performance improvements, and optimization.
- Product features: pre-bid / auto-bid, seller product inventory, polls, and payment methods, including Stripe payment flows.
- Accounts and security: registration via email, phone, and SSO (Apple, Facebook, Google), rate limiting, bans and shadow bans, and custom DDoS protection.

Technologies

TypeScript · Node.js · Apollo GraphQL · Express.js · TypeORM · Redis · PostgreSQL · Grafana · Docker · GCP · BullMQ · GitHub

The Sandbox Freelance

Feb 2022 — Apr 2022

Full Stack Developer

Web3 development and DevOps work across a fullstack application and its cloud infrastructure.

Technologies

Nuxt.js · Vue.js · Node.js · Express.js · Redis · MySQL · Sequelize · AWS · Docker · GitHub · blockchain · MetaMask

Macif Freelance

Oct 2020 — Feb 2022

Test Automation Lead

Developed and maintained TypeScript automated tests with Test Maker on Node.js for Pega applications, and helped clients set up CI/CD.

Technologies

TypeScript · Node.js · Test Maker · Playwright · Docker · GitLab

Oona by Aava Mobile Freelance

Jul 2017 — Sep 2020

Full Stack Developer

Designed and implemented a distributed payment platform with Java and Node.js / TypeScript microservices, working across a complex architecture and a broad technology stack.

- Implemented hot deployments and communication between Android payment terminals and a Java backend.

Technologies

GraphQL · REST · JMS · ActiveMQ / Artemis · Spring Boot · Node.js · Vue.js / Quasar · Cassandra · Artifactory · Docker · GitLab · Kubernetes

FullCompta

Oct 2016 — Jun 2017

CTO, Co-founder

Built a web solution for entrepreneurs from scratch.

- Built the backend with Spring Boot, Java 8, JPA, Hibernate, and PostgreSQL; developed the frontend with Vue.js and Materialize CSS.
- Set up CI with CircleCI and GitHub, deployment with Heroku, and Slack notifications.
- Implemented form and API input validation, Auth0/JWT, Spring Security, and unit, integration, and end-to-end testing.

Technologies

Spring Boot · Java 8 · JPA 2.0 · Hibernate 5 · PostgreSQL · Vue.js · Materialize CSS · CircleCI · GitHub · Heroku · Slack · Auth0/JWT · Spring Security · Flyway · SQuirreL SQL · Git · HTML5 · CSS3 · SCSS · JavaScript (ES6) · jQuery · Webpack · Eclipse · VS Code

QIS - Quality Insurance Services Freelance

May 2014 — Sep 2016

Full Stack Developer

Fullstack development in the life-insurance domain, combining Ember.js and Java 8 with offshore coordination as Product Owner.

- Set up CI from scratch using Git@Stash, Bamboo, Confluence, and Jira; configured VMs and JobScheduler.
- Managed scanning and electronic document management projects, including a 2 TB migration with Alfresco.

Technologies

Spring 4 (security, web) · JPA 2.0 · Hibernate 4 · Ehcache · Oracle 12c · MySQL 5.1 · SQuirreL SQL · Tomcat 8 · Git · HTML5 · CSS3 · JavaScript · Ember.js · jQuery · Bootstrap · wro4j · Java 8 · Bamboo · Maven 3 · Nexus · JobScheduler · Nagios · Alfresco Enterprise 5.1

AEP - Assurance Epargne Pension Freelance

Mar 2013 — Apr 2014

Full Stack Developer & Scrum Master

Built a production web application in the Identity and Access Management domain and introduced Scrum, including user stories, meeting organization, and reporting.

- Maintained cross-browser compatibility and worked through pair programming.

Technologies

Java SE 6 · Java EE 6 · EJB 3.0 · JPA 1.0 · RESTEasy · Hibernate 4 · Oracle 10g · SQuirreL SQL · Ehcache · HTML5 · CSS3 · JavaScript · Ember.js · jQuery 1.9 · Bootstrap · wro4j · JBoss 7.1 · JBoss EAP 6.1 (7.2) · Jenkins · Maven 3 · Subversion

Société Générale Corporate and Investment Banking (SGCIB)

Feb 2010 — Feb 2013

Intermediate Java Developer & Tech Lead

Developed Spring web services, JDBC/JMS distributed transactions, and distributed monitoring with server-to-client messaging for a P&L repository.

- Optimized CPU, memory, caching, locking, and multithreading with JProfiler.
- Set up a three-tier architecture with GWT, Maven, and Spring; developed a low-latency exchange-rate valuation library in Java and C#.
- Performed code reviews, advised on best practices, conducted technical interviews, and provided level 2/3 support with teams in Bangalore, Montreal, and New York.

Technologies

Java SE 6 · Java EE 5 · Spring 2.5 (aop, core, ws) · Spring 3.1 · JDBC · JMS · Ehcache · iBatis · Oracle 11g · PL/SQL · SQuirreL SQL · ClearCase · Git · Subversion · GWT 2.5 · Swing · Linux · WebLogic 10.3.0 · JUnit · Hudson · Maven 2 · Maven 3 · CAST · Quickbuild · Sonar · JProfiler · C#

Amundi

Sep 2007 — Jan 2010

Junior Java Developer

Developed EJB services, Axis web services, and KSH / Java data-integration batches in the indexes and benchmarks domain.

- Enhanced production data-control applications, wrote technical specifications, and provided level 1/2/3 support.

Technologies

Ant · CVS · Eclipse · EJB 2.1 · Java SE 1.4 & 6 · Java EE 5 · JOnAS · KSH · Oracle · PL/SQL · Spring · SQuirreL SQL · Swing · Unix · VBA · Web Services · Axis

SOFTEAM Internship

Feb 2007 — Jul 2007

End-of-study Professional Internship

Studied the Black-Scholes stochastic model for a financial application and developed a web solution for managing leave and absences.

Technologies

Ant · CSS · GWT · Eclipse · Hibernate · Java · JavaScript · JUnit · MySQL · PMD · Servlets · Spring · SQLServer · Tomcat

Parexel International Internship

Aug 2005 — Jan 2006

IT Intern

Developed a diagnostic application for data exports and a Java applet interacting with a Lotus Notes database.

Technologies

Java applets and Servlets · JDBC · JSP · JDeveloper · Lotus Notes · LotusScript · Oracle · Tomcat · XML · XPath

EDUCATION

Université de Technologie de Compiègne (UTC)
Computer Science Engineering degree · 2002-2007
Compiègne, France

University of Pennsylvania (UPenn)
Computer Science Engineer · 2004-2005
Philadelphia, USA

CERTIFICATIONS

SCBCD · 2011
Business Component Developer · EJB 3.0 & JPA 1.0 · 90%
Sun Microsystems

SCJD · 2009
Java Developer · Design Patterns · 97.5%
Sun Microsystems

SCJP · 2007
Java Programmer · Java SE 5 · 84%
Sun Microsystems

LANGUAGES

French — Native / English — Fluent

BEYOND ENGINEERING

Family · Traveling · Snowboarding · Sports · Cars · Real estate · Stock market & cryptocurrencies · Video games