

PAARTHEEPAN RAVEENTHIRAN (Teepan)

Senior Full-Stack Engineer - Node.js - GraphQL - TypeScript - React

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SUMMARY

Full-stack engineer with 8+ years of experience, backend-focused. 5 years at Radio France building and maintaining backend services, REST and GraphQL APIs across the digital platform, including the mobile app's data orchestration layer. Comfortable across the full stack - React, Svelte, Next.js in production. Freelance engineer since 2018, available remote.

EXPERIENCE

Radio France - Full-Stack Engineer

Paris (Remote) - Sept 2020 - Present - 5 years

- Developed and maintained multiple backend services and APIs (REST and GraphQL) across the digital platform, handling high-concurrency traffic with strict uptime requirements.
- Built and maintained the BFF API (Node.js, Fastify, Apollo Server) serving as the data orchestration layer for the mobile application.
- Optimized response times and PostgreSQL query performance under high concurrency. Diagnosed and resolved infrastructure issues including HTTP keep-alive conflicts with Kubernetes load balancing.
- Built full-stack features on radiofrance.fr (React/Symfony) and internal back-office tools (Svelte/SvelteKit).
- Deployed and monitored services in Kubernetes with Docker, CI/CD pipelines (GitLab CI), and observability tools (Grafana).
- Integrated AI tooling into the dev workflow: built a Jira-to-Claude Code automation pipeline for ticket triage and code generation.

Node.js, Fastify, Apollo Server, GraphQL, REST, TypeScript, PostgreSQL, Redis, RabbitMQ, React, Svelte/SvelteKit, Docker, Kubernetes, GitLab CI

Freelance Full-Stack Engineer

Remote - 2018 - Present

- Built and delivered client websites and web applications, from development to deployment and hosting. Projects include Next.js + Strapi with self-managed infrastructure (Ansible, Terraform).

Next.js, Strapi, Ansible, Terraform, Node.js, TypeScript

Groupama - Front-End Developer

Nanterre - Sept 2018 - Aug 2020

- Built insurance sales funnels (Vue.js/Nuxt.js) and corporate website features (React/Next.js), improving conversion rates and page load performance.

Vue.js, Nuxt.js, React, Next.js, TypeScript

SIDE PROJECTS

Revive - AI Conversational App

Personal project - 2025 - Present

- App that lets users upload conversation exports (WhatsApp, iMessage) to chat with an AI that reproduces a person's communication style.
- RAG pipeline with Claude API, pgvector for semantic search, dynamic persona extraction. Node.js/Fastify backend, Next.js frontend.

Node.js, Fastify, TypeScript, Next.js, PostgreSQL, pgvector, Drizzle, Claude API

TEACHING & TECHNICAL EVALUATION

Technical Instructor & Jury Member - Freelance

French Engineering Schools - 2022 - Present

- Courses on Node.js, GraphQL, Web Performance, and Git workflows (classes of 15-30 students). Jury member for final-year thesis defenses.

TECHNICAL SKILLS

Backend	Node.js, Fastify, Express, Apollo Server, GraphQL, REST APIs, TypeScript, Redis, RabbitMQ
Frontend	React, Next.js, Svelte/SvelteKit, Vue.js/Nuxt.js, HTML/CSS, Tailwind
Data	PostgreSQL, Drizzle ORM, SQL, pgvector
Testing	Jest, Vitest, Integration tests, E2E testing
Infrastructure	Docker, Kubernetes, GitLab CI/CD, AWS, Ansible, Terraform, Linux, Git
Monitoring	Grafana, Datadog, Sentry
AI Tooling	Claude API, Claude Code, RAG pipelines, prompt engineering
Practices	Agile/Scrum, Code Review, Technical Mentoring, Async communication
Languages	French (native), English (professional), Tamil (native)

EDUCATION

IIM Digital School - Master of Web & Mobile Engineering - 2020-2022

HETIC - Bachelor of Web Development - 2018-2020