

# Jacques Perrin

Senior Fullstack Developer | 10+ Years

Paris, France

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[github.com/Greenshard](https://github.com/Greenshard)

Co-founder @ Cantem

Experienced Senior Developer with a strong focus on fullstack development, AI integration, and high-scale cloud infrastructures. 10+ years specializing in delivering custom platforms from scratch and joining critical projects as a senior tech reinforcement. Comfortable leading backend architecture, scaling distributed systems, and shipping end-to-end features across complex stacks. Ecole 42 alumni and License Architect Software from IUT Dijon.

## EXPERIENCE

### Senior Fullstack Developer - Amata (WingMate)

2025 - Present

*Next.js, React, TypeScript, AI integration, real-time systems*

Next-gen AI-powered dating app, launched in Australia and now expanding to New York.

- Building the core matching engine and conversational AI features from the ground up
- Full-stack development across the product, from API design to frontend delivery
- Working on AI-driven user matching algorithms and real-time chat systems
- Contributing to the product scaling strategy from the Australian to the US market

### Senior Fullstack Developer - Junea

Nov 2025 - Present

*Next.js 16, React 19, TypeScript, NextAuth, TanStack Query, Tiptap, Recharts, Drizzle ORM, Monorepo*

Full SaaS wedding planning platform with admin dashboard, guest CRM, RSVP builder, and customizable wedding websites.

- Co-building the platform end-to-end, from database design to production deployment
- Implemented app-managed password reset flow with CGU acceptance and password complexity
- Built wedding site builder with auto-creation, theme customization, and auto-save
- Generated default slugs and personalized structure from couple names
- Dashboard fixes, guest count matching, profile dropdown z-index
- Multiple commits daily, active co-development with the team

### Senior Fullstack Developer - Arcads.ai

Aug 2024 - Nov 2024

*AWS Lambda, AWS CDK, Azure Data Factory, Langchain, NestJS, PostgreSQL, Tailwind CSS, TypeScript*

AI video generation platform processing 100K+ monthly render requests.

- Set up A/B testing workflows covering 40+ page variants, boosting conversion rate by +18%
- Refactored frontend/backend components, cutting critical page load time from 2.6s to 1.3s
- Designed and launched a new "Free Produce" account type, driving massive subscription increase
- Built custom user dashboard with AI status and history panels
- Led performance and scaling improvements to support 100K+ monthly renders with zero downtime

### Senior Fullstack Developer - Jimini AI (Odysai)

Jun 2023 - Jul 2024

*NestJS, AWS Lambda, SQS, WebSocket, PostgreSQL, OpenSearch, Auth0, Jest, Python, GitHub Actions*

Cloud-native LLM platform for legal professionals, handling 10K+ queries per day.

- Designed infinitely scalable backend with 8 microservices (NestJS, AWS Lambda), processing 10K+ legal queries/day via SQS and WebSockets
- Architected async pipelines to auto-update 500K+ indexed documents with sub-minute latency
- Implemented Auth0 authentication with 5+ user roles, securing 100% of critical endpoints
- Deployed CI/CD with GitHub Actions, 90%+ test coverage (Jest), and real-time monitoring
- Engineered for legal-grade compliance, 99.99% uptime, and LLM-ready data structuring for RAG retrieval

### Backend Lead (Fullstack) - TheLuckFactory (Celesta)

Apr 2022 - Jun 2023

*PHP, Symfony, OpenSearch, Docker, Kubernetes, GKE, AWS, PostgreSQL, RabbitMQ, Elasticsearch*

High-traffic online casino platform with 100K+ daily active sessions and a 50M+ line codebase.

- Intervened within a codebase of 50M+ lines with minimal documentation and tight legacy coupling
- Debugged and patched critical scoring and reward logic, reducing production-level anomalies
- Optimized high-load PHP modules, improving backend response times by ~25%
- Lead backend dev in a high-risk environment, maintaining system integrity across 100K+ daily sessions

## TECH STACK

### Languages

TypeScript JavaScript Rust  
Python PHP C++ HTML/CSS

### Frameworks

Next.js React React Native  
NestJS TanStack TailwindCSS  
Zod Symfony

### Cloud / Infra

AWS Lambda SQS SES  
Docker Kubernetes SST  
GitHub Actions

### Databases

PostgreSQL MongoDB MySQL  
Redis Drizzle ORM Sequelize

### QA / Tooling

Jest Playwright ESLint  
Prettier TurboRepo Nx

### Auth / Realtime

Auth0 NextAuth.js JWT  
RBAC WebSockets

## KEY STRENGTHS

- Scalable backend architecture, microservices and serverless
- AI/LLM platform engineering (Langchain, RAG, embeddings)
- High-scale cloud infrastructure (AWS, K8s, Docker)
- DevOps and CI/CD automation
- Full product lifecycle, senior tech reinforcement
- Legacy codebase intervention and optimization

## LANGUAGES

French Native  
English Fluent

## EDUCATION

### Ecole 42

Paris - Master Degree (2016-2029)

### IUT Dijon

License Architect Software (2013-2016)

## PROJECT HIGHLIGHTS

### Amata / WingMate

#### Senior Fullstack Developer | 2025 - Present

*Next.js, React, TypeScript, AI integration, real-time systems*

- AI-powered dating app, launched in Australia and now expanding to New York
- Full-stack development on the core matching and conversational AI features
- AI-driven user matching algorithms and real-time chat systems
- Contributing to product scaling from Australia to the US market

### Junea

#### Senior Fullstack Developer | Nov 2025 - Present

*Next.js 16, React 19, TypeScript, NextAuth, TanStack Query, Tiptap, Recharts, Drizzle, Monorepo*

- Full SaaS wedding planning platform: admin dashboard, guest CRM, RSVP builder, wedding site editor
- Password reset flow with CGU acceptance and password complexity validation
- Wedding site builder with auto-creation, theme customization, and auto-save
- Default slug generation and personalized structure from couple names
- Renamed "Cagnotte" to "Liste de mariage" / "Wedding Registry"
- Multiple commits daily, active co-development with the team

### Arcads.ai

#### Senior Fullstack Developer | Aug 2024 - Nov 2024

*AWS Lambda, AWS CDK, Azure Data Factory, Langchain, NestJS, PostgreSQL, TypeScript*

- AI video generation platform processing 100K+ monthly render requests
- A/B testing across 40+ page variants, +18% conversion rate boost
- Cut critical page load time from 2.6s to 1.3s through frontend/backend refactoring
- Designed and launched "Free Produce" account type, driving subscription growth
- Custom user dashboard with AI status and history panels

### Jimini AI (Odysai)

#### Senior Fullstack Developer | Jun 2023 - Jul 2024

*NestJS, AWS Lambda, SQS, WebSocket, PostgreSQL, OpenSearch, Auth0, Jest, Python*

- LLM platform for legal professionals, 10K+ queries/day, 99.99% uptime
- 8 microservices backend architecture with SQS and WebSocket pipelines
- Async pipelines auto-updating 500K+ indexed documents with sub-minute latency
- Auth0 with 5+ user roles, 90%+ test coverage, real-time monitoring
- Legal-grade compliance and LLM-ready data structuring for RAG retrieval

### TheLuckFactory (Celesta)

#### Backend Lead (Fullstack) | Apr 2022 - Jun 2023

*PHP, Symfony, OpenSearch, Docker, Kubernetes, GKE, AWS, PostgreSQL, RabbitMQ*

- 50M+ line codebase with minimal documentation and tight legacy coupling
- Patched critical scoring and reward logic, reducing production anomalies
- Optimized high-load PHP modules, ~25% faster backend response times
- Maintained system integrity across 100K+ daily active sessions

### Masterbar

#### Developer | Jun 2025

*Rust, async workers, search algorithms*

- Fast file search tool built in Rust with async workers and performance optimizations
- Graceful shutdown, keyboard shortcuts, and AI-assisted search priority

### Cantem (Co-founder)

#### Co-founder & Senior Developer | 2016 - Present

*React, Next.js, Node.js, AWS, various client stacks*

- Co-founded a boutique dev studio with 4 senior developers, all Ecole 42 alumni
- 26+ projects delivered across SaaS, fintech, gaming, legal tech, streaming, and e-commerce
- End-to-end ownership from architecture to deployment
- Client-facing technical leadership and project scoping

*Happy to share more details about any project during a call.*