



CANDIDATE PREVIEW

Senior Full Stack Engineer / Architect – PHP/Symfony, AI-Native Architecture & Cloud

SUMMARY

Senior Full Stack Engineer and Architect with **18+ years** designing and scaling high-availability web platforms, now working on AI-native product architecture — **retrieval-augmented generation (RAG)**, LLM integration and cloud-native infrastructure. Deep backend expertise in **PHP 8 / Symfony** and Drupal, with React, Angular, Node.js and Python/FastAPI across the stack. **Nine years resident in Germany**, on-site in German teams at a German pharmaceutical group, a German insurance group and a German online travel platform — employed on German contracts, not deputed from an offshore centre. He knows German working culture from the inside: sprint rituals, works-council realities, how a German stakeholder says no. He is employed by our Bangalore delivery partner KVC and works from KVC's office there. Leads teams from system design through production delivery and speaks to business stakeholders as readily as to engineers.

INTERNATIONAL DELIVERY

DELIVERED INTO	DACH EXPERIENCE	TIMEZONE OVERLAP
Germany (resident 9 yrs) · India · US	9 yrs on-site in DE — pharma, insurance, travel	Open to CE(S)T 09:00–18:00, by agreement
LANGUAGES	CLIENT-FACING	WORK MODEL
English C1 · German B1	On-site in German teams; architect and executive alignment	Our delivery partner's office, Bangalore

This is not offshore delivery experience. He lived in Germany for nine years and worked on-site in German teams throughout — first through the German entity of a global IT services firm, then employed directly by a German company. He has sat in the daily, run the workshop and argued the architecture in the room. He now works from our Bangalore delivery partner's own office, in the client's working day — employed by KVC, supervised by us, and one contract with JoinNow FZCO for you.

CORE COMPETENCIES

Backend & Architecture	AI / GenAI
PHP 7/8, Symfony 5/6/7, Doctrine ORM, Laravel, CodeIgniter, CakePHP, REST APIs, Microservices, DDD, SOLID, Clean Code	RAG architectures, pgvector, cosine-similarity retrieval, OpenAI + Anthropic Claude integration, provider-agnostic LLM abstraction, context-grounded prompting, embedding pipelines
Frontend	Python & Java
React, Angular 6+, TypeScript, JavaScript, jQuery, Backbone.js, Twig, Mustache, HTML5, CSS3, responsive design	Python, FastAPI, async SQLAlchemy, boto3, Java, Spring Boot, Node.js
Cloud & DevOps	Data, Caching & Quality
AWS (EC2, S3, IAM, Secrets Manager, CDK), Azure, Docker, Terraform, Vagrant, GitLab CI/CD, Jenkins, Infrastructure-as-Code	PostgreSQL, MySQL, Redis, Solr, RabbitMQ, PDO, query optimisation, PHPUnit, CasperJS, Core Web Vitals, Agile/Scrum, Jira, Confluence

KEY PROJECTS

Multi-tenant RAG shopping assistant, e-commerce SaaS

2025–2026, current

Stack: Python, FastAPI, async SQLAlchemy, PostgreSQL + pgvector, OpenAI, Anthropic Claude, Shopify REST Admin API

- Designed a **FastAPI + async SQLAlchemy** backend on PostgreSQL with **pgvector**, running cosine-similarity search over 1536-dimension product embeddings so every answer is grounded in the merchant's live catalog rather than the model's general knowledge.
- Built a **provider-agnostic LLM layer** across OpenAI and Anthropic Claude, with strict context-grounded prompting that constrains the assistant to catalog products only — eliminating hallucinated prices and SKUs.
- Implemented real-time catalog sync over REST and webhooks with embeddings auto-generated on product ingest, plus a lightweight JS chat widget for drop-in embedding on merchant storefronts.

AWS provisioning control plane, multi-tenant SaaS

2025–2026, current

Stack: AWS CDK, EC2, IAM, Secrets Manager, launch templates, boto3, Python

- Architected per-tenant instance provisioning on **AWS EC2 with AWS CDK** (IAM roles, Secrets Manager, launch templates), replacing a **17-step manual runbook** with a single admin-form submission.
- Designed a **reconciler pattern** with an authoritative telemetry callback from each provisioned instance confirming DNS/TLS/nginx readiness — replacing heartbeat-based inference that could report "live" before an instance was reachable.
- Built boto3-driven launch and reconciliation services with **audit logging and provisioning throttles**, verified end-to-end against real AWS infrastructure.



PROFESSIONAL EXPERIENCE

AI product company, India — engineering leadership

Director of Engineering

2025 – present

Solution Environment: *Python, FastAPI, PostgreSQL + pgvector, OpenAI, Anthropic Claude, AWS CDK, React, Angular, Node.js, PHP, microservices*

- Direct multiple engineering teams as the company's primary technical advisor, guiding product and business roadmaps from concept through production delivery.
- Own **end-to-end architecture for the AI product line** — RAG-based LLM applications through to AWS provisioning infrastructure.
- Apply hands-on full-stack depth (React, Angular, Node.js, PHP, Python/FastAPI, microservices) to architecture decisions across the full SDLC.
- Bridge engineering, executive and business teams, translating technical strategy into business outcomes.

German online travel agency — direct employment

Senior Full Stack Engineer / Architect — OTA booking platform (on-site, Germany)

2019–2025, 5.5 years

Solution Environment: *Drupal 7/8 (multisite), PHP 7.1/8.x, Symfony components, MySQL, Redis, Solr, Mustache, jQuery, PHPUnit, CasperJS, Terraform, Vagrant, GitLab, Jenkins*

- Employed **directly by the German company** and working on-site in the German team — a move from contracted delivery into the client's own engineering organisation.
- Architected and evolved backend services for a high-load booking platform covering holiday packages, hotels, cruises and transport, with multi-supplier search, pricing and availability comparison.
- Optimised performance through refactoring and Core Web Vitals assessment: **20% speed improvement** and improved SEO ranking.
- Set up PDO, **Redis and Solr** caching layers and query optimisation for fast, reliable data access at scale.
- Overhauled the automated test framework, cutting debugging and issue-resolution time by **~90%**.
- Retained **over 98% of clients across 4.5 years** through agile delivery with marketing and management stakeholders.
- Deployed to cloud production environments over CI/CD pipelines, improving release cadence.

Global IT services firm, German entity (200k+ staff) — on-site at client*Senior Full Stack Engineer / Architect — pharma self-service portal (on-site, Germany)*

2019, 9 months

Clients: German pharmaceutical group**Solution Environment:** Drupal 8, PHP 7.1, Symfony 5, enterprise cloud site-factory API, AWS S3, Twig, React

- Built a self-service portal for creating and governing websites on an enterprise cloud site factory, automating provisioning and reducing manual effort.
- Reduced new website creation time by **30%** through automation and streamlined workflows.
- Delivered a web-based CMS enabling non-technical content management and faster site updates.
- Acted as software consultant across strategic consulting, systems integration and implementation.

Global IT services firm, German entity (200k+ staff) — on-site at client*Senior Full Stack Engineer — investment platform (on-site, Germany)*

2018–2019, 10 months

Clients: German insurance group**Solution Environment:** Angular 6, Java, Spring Boot, REST APIs, SQL, Salesforce, Redis, RabbitMQ, HTML5, CSS3

- Delivered capital-market analysis tooling using financial modelling and market prediction algorithms.
- Built **interactive dashboards** for data visualisation, strategy backtesting and opportunity identification, with real-time data updates.
- Ran cross-platform testing across 4 browsers and 3 standalone web and cloud applications.
- Personalised investment strategies aligned to customer risk profiles, raising customer satisfaction by **30%**.

Global IT services firm, German entity (200k+ staff) — on-site at client*Senior Full Stack Engineer — construction marketplace & corporate microsite (on-site, Germany)*

2016–2018, 2 years

Clients: German construction marketplace; European building-materials group**Solution Environment:** React, Ruby on Rails, PostgreSQL, Docker, WordPress, MySQL, Redis, Azure, HTML5, CSS3

- Built a customisable roof design tool with material comparison, cost estimation and local-contractor integration, raising customer satisfaction rating by **40%**.
- Automated data collection and analysis, cutting manual reporting time by **20%**.
- Delivered a multilingual, CMS-managed corporate microsite (media centre, blog, job posts, user export), improving brand visibility by **20%**.

**Global IT services firm, India delivery centre (200k+ staff)***Senior Associate*

2014–2016, 1.5 years

Solution Environment: *PHP, JavaScript, web frameworks, cloud technologies, Agile*

- Contributed to **25+ web applications** across design, coding, testing and maintenance while supervising a team of 15 developers.
- Led full-stack development for a customer-facing web application.
- Identified efficiency and functionality improvements across servers, databases and APIs.

Global IT services firm, India (500k+ staff)*Assistant Consultant*

2011–2014, 3 years

Solution Environment: *PHP, relational database design, e-commerce platforms*

- Led **10 team members** through full lifecycle design and implementation of products and applications.
- Analysed requirements for **10+ clients** and delivered modern e-commerce applications and product features.
- Built a mentorship and training programme for 10+ junior and entry-level engineers.

Online education platform, India*Senior Software Engineer*

2007–2011, 3.5 years

Solution Environment: *PHP 5, CodeIgniter, MySQL*

- Built and maintained an online tutoring platform on CodeIgniter with robust backend functionality.
- Developed communication modules that improved engagement, contributing to a **40% reduction in student dropout**.

Web development agency, India*Software Engineer*

2006–2007, 1 year

Solution Environment: *PHP, MySQL, Ajax, jQuery*

- Contributed to **10+ web applications** and proactively resolved production issues before client impact.

EDUCATION**Master's Degree, Computer Science** — Indian university, 2005**Bachelor's Degree, Mathematics** — Indian university, 2002**LANGUAGES**

English (business fluent, C1) · German (intermediate, B1)



AVAILABILITY

Immediately available | 100% remote from our delivery partner's office in Bangalore — open to German business hours (CE[S]T), agreed per engagement

VERIFIED BY JOINNOW

- Employed by KV Consulting Private Limited (KVC), our Bangalore delivery partner, and working from KVC's own office — not a freelancer we forward and not a body-shop subcontract. One contract, with JoinNow FZCO, and our supervision.
- **Nine years resident in Germany** (2016–2025), working on-site: first through the German entity of a global IT services firm, then employed directly by a German company. Not offshore delivery, and not a deputation that stayed one.
- Three separate German engagements across pharma, insurance and travel — a sector spread, not one long project.
- Employment history and role scope cross-checked against the CV and the candidate's own written project history — the two agree on employers, sequence and technology.
- Language levels as stated by the candidate: English C1, German B1. A live language check can be arranged before interview.

A real, available engineer, published with employer and end-client names generalised. Names, full dates and references are disclosed under NDA or at interview stage. Quote JN-2026-052 to ask about this person, or tell us your requirement and we will match against it.

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