

DANISH SHAKEEL

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SUMMARY

Hands-on CTO and engineering leader with 5+ years architecting scalable SaaS platforms, microservices, and AI-driven products. Published researcher with 7+ peer-reviewed papers. Co-founder at seatbase (exploring scale-or-exit); actively seeking full-time Engineering Leadership role where I can drive technical strategy and lead high-performing teams. Maintain 50%+ hands-on coding focus in all roles.

WORK EXPERIENCE

seatbase Technologies GmbH

Saarbrücken, Germany

Co-Founder & CTO

Nov 2024 – Present

- **Product & Systems Architecture:** Architected AI-driven SaaS platform from ground up. Designed 5 NestJS microservices with multi-layer caching, RBAC, and event-driven architecture. Built Next.js/TypeScript frontend with production-grade architecture. Implemented plugin-like integration system enabling third-party extensibility.
- **Infrastructure & DevOps:** Deployed containerized services via Docker and Traefik on Linux VPS. Set up GitHub Actions CI/CD pipelines. Implemented comprehensive monitoring with Grafana Loki, Prometheus, and Alloy.
- **AI/LLM Integration:** Designed MCP Server connecting platform to Claude/Gemini. Built AI-driven reporting engine for intelligent SaaS analytics and insights.
- **Team Leadership:** Led founding engineering team (3–5 engineers) through rapid iteration and product-market fit exploration. Managed code quality, architecture reviews, and technical mentorship.
- **Business Impact:** Secured €107,000 in non-dilutive EXIST grant funding. Conducted customer sales demos attracting 1–3 pilot customers. Represented company at WebSummit Lisbon. Partnered with Universität des Saarlandes and Campus Founders.

rtCamp Pvt. Ltd.

Atlanta, USA (Remote)

Senior Software & Growth Engineer

Jul 2021 – Present

- **System Design & Performance Engineering:** Led NestJS backend serving 5+ million active users. Designed and executed zero-downtime migration of 1 million users. Architected multi-threaded infrastructure ensuring zero service interruption. Implemented 60% CI/CD build time reduction. Achieved 200% API performance boost through Redis/CDN caching layer.
- **AI/LLM Product Development:** Built Zazu, a RAG-powered chatbot platform using Gemini, Weaviate, and LangChain. Led team development of AI automation pipeline: transforms Figma designs into PRDs, auto-implements code, runs tests, opens pull requests. Reduced feature delivery time from 40 hours to 3 hours.
- **Enterprise WordPress & Open Source:** Core contributor to various plugins. Led development of OnePress, an enterprise WordPress ecosystem tools for multi-site management.
- **Technical Mentorship & Leadership:** Mentored 50+ engineers across multiple teams on system design, performance optimization, and architectural patterns. Contributed to technical hiring and architecture decisions.

OPEN SOURCE & FEATURED PROJECTS

- **Carousel Kit:** Interactivity API-powered carousel for WordPress Block Editor. Enterprise-grade performance, W3C accessibility compliance, RTL support, production-deployed. github.com/rtCamp/rt-carousel
- **OneDesign:** Sync and manage block patterns across multiple WordPress sites from central dashboard. Enterprise multi-site management solution.
- **OneUpdate:** Network plugin management for WordPress multi-site environments. Manage public and private plugin deployment across networks.
- **OneSearch:** Cross-site content search solution for WordPress brand networks.
- **Secrets:** NestJS API for creating n-time viewable secrets with AES-192-CBC encryption, MySQL backend. Production-deployed at secrets.iamdani.sh
- **My Kashmir:** Android app with 50,000+ downloads on Google Play Store. Information platform demonstrating mobile development and user traction.
- **Localization Manager:** VS Code extension with intelligent autocompletion for translation keys and live preview capabilities. Marketplace
- **SSHC:** CLI utility for simplified SSH connection management.

RESEARCH & PUBLICATIONS

Published 7+ peer-reviewed papers across AI/ML, pharmacology, and information systems with multiple highly-cited works (10+ citations). Topics include fake news detection using knowledge graphs, personalized drug concentration prediction, and machine learning applications.

- Shakeel, D., & Jain, N. *Fake news detection and fact verification using knowledge graphs and machine learning*. DOI: 10.13140/RG.2.2.18349.41448
- Shakeel, D., & Mir, S. A. *Personalized drug concentration predictions with machine learning*. *International Journal of Basic and Clinical Pharmacology*. DOI: 10.18203/2319-2003.ijbcp20202194

EDUCATION

Universität des Saarlandes, Germany 2023 – Present
M.Sc. in Computer Science (Part-time while maintaining full-time engineering focus)

Chandigarh University, India Jul 2018 – Jul 2022
B.E. in Computer Science Engineering (Honors) GPA: 3.4/4

SKILLS

- **Architecture & Design:** Microservices, System Architecture, API Design, SaaS Engineering, Event-Driven Systems, Scalability, Zero-Downtime Deployments, WordPress Ecosystem.
- **Backend:** Node.js, NestJS, Express.js, TypeScript, Python, PHP, Shell scripting.
- **Frontend:** Next.js, React, TypeScript, WordPress Block Editor, HTML5, CSS3.
- **Infrastructure & DevOps:** Docker, Traefik, GitHub Actions, CI/CD, Prometheus, Grafana, Linux, MySQL, Redis.
- **AI/LLM & ML:** Anthropic API, Google AI Studio, LangChain, Weaviate (RAG), MCP Servers, Prompt Engineering, Machine Learning.
- **Languages:** English (C1 Professional), Hindi (Native), Kashmiri (Native), Urdu (Intermediate), German (Elementary).

ACHIEVEMENTS & AWARDS

- Finalist, GO Start-up Competition (Rhineland-Palatinate & Saarland, Germany) 2025
- Awarded **Academic Gold Medal** for top performance in Computer Science Engineering, Chandigarh University 2022
- Achieved **All-India Rank 3** in Global Assessment of Information Technology (GAIT) 2021
- Honored with **Digital India Award** by the Government of India 2015

LEADERSHIP & COMMUNITY

- **Technical Leadership:** Managed 5–10 direct reports. Mentored 50+ engineers across multiple teams. Led technical hiring and architecture decisions.
- **Public Speaking:** Delivered 5–10 technical talks at meetups, conferences, and virtual events across Europe. Topics: Full-Stack Development, DevOps, AI/LLM Integration, System Design.
- **Community Involvement:** Active open-source contributor. Engaged with developer communities. Speaker at tech events.