

Darshan Dinesh Bhandary

Backend & Cloud Engineer | 4x Microsoft Azure Certified

+91 9019003490 | drshnbhandary@gmail.com | LinkedIn | GitHub: darshan45672 | Portfolio

Backend and Cloud Engineer specializing in building scalable, AI-powered systems on Azure and AWS. 4+ years of experience designing distributed architectures, developer productivity platforms, and intelligent automation systems used by 500K+ users. Microsoft Azure Solutions Architect Expert with strong focus on AI-driven DevOps, FinOps and self-healing infrastructure.

SKILLS

Languages: TypeScript, Python, C#, Go

Frameworks: Laravel, Next.js, NestJS (Nodejs), Django, Astro

Cloud & Infra: AWS, Azure, Docker, Nginx, Terraform, GitHub Actions, Linux/Bash, Redis

Databases: MySQL, PostgreSQL, MongoDB, CosmosDB

DevOps & Tools: Git, CI/CD, GitHub, Docker, Kubernetes

AI & Agentic: Azure AI Services, LangGraph, LangChain, Motia

EXPERIENCE

Software Engineer, CTO Centre of Excellence

06/2025 – Present

Kyndryl Solutions Private Limited | Bengaluru, India

Officially titled Infrastructure Specialist; embedded in the CTO's CoE team as a Software Engineer

- Architected a Vibe Code developer productivity framework for a Korean enterprise client, integrating LLM-driven workflows into CI/CD, code review and automated testing pipelines - targeting a 30 - 50% uplift in developer productivity.
- Developed a FinOps AI chatbot powered by Azure OpenAI enabling teams to query and analyse cloud spending in natural language, reducing time-to-insight on Azure cost optimisation by ~40%.
- Designed a Self-Heal AI system leveraging Azure Monitor and Log Analytics to autonomously detect and resolve cloud server failures without human intervention, targeting 50 - 70% reduction in MTTR.
- Engineered a Predictive Maintenance platform for an automobile client (initially delivered as a production-ready proof-of-concept), using AI to monitor robotic arm motor metrics, predict maintenance windows, and track carbon emissions - reducing unplanned downtime by 40%+ and improving MTTF.
- Currently building an ITSM migration and sync engine for the CTO CoE, enabling seamless data transfer and real-time synchronisation across heterogeneous ITSM platforms, **defining distributed system design patterns for event-driven, scalable, fault-tolerant cross-platform integration.**
- Presented at the Kyndryl Tech Umbrella Series, sharing technical insights on cloud and AI topics to an internal audience of engineers and architects.
- Served as a mentor at the Kyndryl-Microsoft Hackathon, guiding participant teams on cloud-architecture, Azure services and solution design.

Full Stack Developer (Contract)

12/2021 – 03/2025

Klientship Technologies Private Limited | Mangaluru, India

- **Scaled “Dentist Channel Online” to handle 10M+ monthly requests with 99.9% uptime,** architecting load-balanced and asynchronous backend services for a global dental platform using Laravel.
- Led end-to-end development of 5+ client products using Laravel, React and AWS, reducing delivery time by 30% and improving application performance by 25%.
- Delivered full-stack web solutions for 10+ businesses, driving an average 35% increase in online engagement and 20% revenue growth through optimised, scalable architectures.
- Managed 4 projects as Project Manager, coordinating cross-functional teams, defining technical requirements and ensuring on-time delivery for all client milestones.
- Led the team in implementing DevOps practices and delivering cloud-native and cloud-agnostic solutions, improving deployment reliability and infrastructure portability across client projects.

- Designed and built a full-stack hiring platform using Next.js 14, Prisma and PostgreSQL as part of a 3-person team, improving recruitment efficiency by 40% across 50+ organisations.
- Owned backend API development and database schema design, implementing real-time notifications, advanced search and filtering and role-based access control for recruiters, HR teams and job seekers.
- Built a responsive frontend UI with seamless applicant tracking, employer analytics dashboards and in-app + email notification workflows end-to-end.

CERTIFICATIONS

- Microsoft Certified: Azure DevOps Engineer Expert (AZ-400) - May 2026
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305) - March 2026
- Microsoft Certified: Azure Developer Associate (AZ-204) - February 2026
- Microsoft Certified: Azure Administrator Associate (AZ-104) - January 2026
- Microsoft Certified: Azure AI Engineer Associate (AI-102) - December 2025

PUBLICATIONS

- Author, *Practical AI for Platform and Cloud Engineers* - available on Amazon.

EDUCATION

Bachelor of Engineering - Computer Science and Engineering	2021 - 2025
<i>A J Institute of Engineering and Technology, Mangaluru</i>	CGPA: 8.7/10
Pre-University Certificate - PCMB	2019 - 2021
<i>Govinda Dasa Pre-University College, Surathkal</i>	95.16%
High School	2016 - 2019
<i>Holy Family English Medium School, Surathkal</i>	91.84%

ACHIEVEMENTS

- Founding & Core Member, DK24 - developer consortium uniting tech communities across Dakshina Kannada (Mangaluru-Udupi); actively supports the Silicon Beach programme of Mangaluru.
- Community Lead, AJIET DevNation; Lead, Google Developer Student Club (GDSC) - Cloud Track; Microsoft Learn Student Ambassador (Beta).
- Delivered 10+ technical talks at city-level tech summits, industry conferences and open-source events on Cloud & Azure, AI, DevOps and Agentic systems.
- Active open-source contributor - Filament (Laravel), Sahyadri Open Source Community, AJIET Dev-Nation; completed HacktoberFest 2022-2024.
- Won 1st place, Code Combat - all-India coding competition at VTU, Belgaum.