

Darshan Dinesh Bhandary

Backend & Platform Engineer | Azure Solutions Architect Expert | DevOps Engineer Expert
+91 9019003490 | drshnbhandary@gmail.com | LinkedIn | GitHub: darshan45672 | Portfolio

Backend & Platform Engineer with production engineering experience across Azure and AWS, gained through contract development alongside undergraduate studies and work within Kyndryl's CTO Centre of Excellence. Built backend systems handling 10M+ monthly requests, with experience spanning developer productivity, FinOps, automated infrastructure remediation, and event-driven distributed systems.

TECHNICAL SKILLS

Languages: TypeScript, Python, PHP

Backend: NestJS, Laravel, Django

Cloud & Infrastructure: Azure, AWS, Kubernetes, Docker, Terraform, Nginx, Linux/Bash

DevOps: GitHub Actions, CI/CD, Git, AWS CodePipeline

Databases & Caching: PostgreSQL, MySQL, MongoDB, Cosmos DB, Redis

AI & Agentic Systems: Azure OpenAI, Azure AI Services, LangGraph, LangChain

EXPERIENCE

Infrastructure Specialist (Software Engineer – CTO Centre of Excellence) 06/2025 – Present
Kyndryl Solutions Private Limited | Bengaluru, India

- Designed an AI-assisted developer productivity platform for a Korean enterprise client, integrating LLM-driven code review, automated testing, and CI/CD pipeline checks using Azure OpenAI and agentic workflows orchestrated with LangGraph.
- Built a FinOps assistant using Azure OpenAI that enables engineering teams to query Azure cloud spend through natural-language interactions, integrating Azure Cost Management APIs, Azure Monitor, and Azure Resource Graph for cost and resource insights.
- Designed an automated remediation system using Azure Monitor and Log Analytics to detect infrastructure failure patterns and trigger recovery through Python scripts, Azure CLI, and the Azure SDK, reducing the need for manual on-call intervention.
- Built a predictive maintenance POC for an automotive client using GPT-4 with MCP-based tool connections to analyse robotic-arm telemetry, invoke a custom Python time-series forecasting script for maintenance-window prediction, and monitor carbon emissions.
- Building an event-driven ITSM migration and synchronisation engine using Kafka-based event processing and REST API polling, enabling near-real-time cross-platform synchronisation with fault-tolerant, idempotent processing across heterogeneous ITSM systems.
- Presented cloud and AI engineering topics at Kyndryl's Tech Umbrella Series and mentored teams on Azure architecture and solution design at the Kyndryl-Microsoft Hackathon.

Full Stack Developer (Contract) 12/2021 – 03/2025
Klientship Technologies Private Limited | Mangaluru, India

Contract engineering work performed alongside undergraduate studies.

- Scaled "Dentist Channel Online" to 10M+ monthly requests with 99.9% uptime by architecting load-balanced backend services with Redis caching, CDN, connection pooling, database query optimisation, and asynchronous job processing on AWS using Laravel.
- Led end-to-end engineering of 5+ production applications using Laravel, React, and AWS, owning architecture decisions, API design, and deployment pipelines across the full delivery lifecycle.
- Managed technical delivery across 4 client projects, coordinating cross-functional teams, translating business requirements into technical plans, and delivering milestones on schedule.
- Implemented CI/CD pipelines using Docker, GitHub Actions, and AWS CodePipeline to standardise build and deployment workflows across client projects.

Application Developer Intern 04/2024 – 05/2024
Headway | Mangaluru, India

- Built a full-stack hiring platform in a 3-person team using Next.js 14, Prisma, and PostgreSQL, supporting end-to-end recruitment workflows across 50+ organisations.
- Owned backend API development and database schema design for role-based access control, advanced search, applicant tracking, and real-time notification workflows.

CERTIFICATIONS

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

Verify on Microsoft Learn.

PUBLICATIONS

- **Author** – *Practical AI for Platform and Cloud Engineers*
Practical guide to applying AI across platform engineering, cloud operations, and infrastructure automation.

EDUCATION

Bachelor of Engineering – Computer Science and Engineering	2021 – 2025
<i>A J Institute of Engineering and Technology, Mangaluru</i>	CGPA: 8.7/10

LEADERSHIP & ACHIEVEMENTS

- Founding & Core Member, DK24 – developer consortium connecting tech communities across Mangaluru–Udupi; contributor to the Silicon Beach initiative.
- Delivered 10+ technical talks at conferences and open-source events on Azure, cloud engineering, AI, and DevOps; led the GDSC Cloud Track and AJIET DevNation.
- Active open-source contributor – Filament (Laravel), regional communities; completed HacktoberFest 2022–2024. **1st Place**, Code Combat (all-India, VTU Belgaum).