Sarvesh Ghildiyal Backend Engineer

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Interning at Wingify as part of the DACDN team for the VWO product significantly reshaped my understanding of Software Engineering and Technology. It taught me to ask the right questions—moving beyond *what* to *why*. I aim to develop a deeper understanding of systems and build the competence to design and implement them end to end.

Professional Experience (Internships)

Backend Engineer, *Wingify*   07/2025 – 01/2026 | Delhi, India
Key Areas of Work - DACDN Team
- DaCDN support for feature releases
- Test application issue debugging
- Building a Kafka consumer

Experience Description
Exercised multiple development principles, ranging from Proof of Concept (POC) to Production in a decade-old software system; development and validation of features in isolated testing environments to ensure production safety; cross-functional team collaboration; and contribution to solutions with a strong emphasis on scalability and reliability.

R&D Team Contributor, *Decube Innovation Labs* ⬈   12/2024 – 07/2025 | Bangaluru, India
- Played a key role in the company's early-stage setup and delivered the first client MVP within **6 weeks**.
- Led a **2-member team**, improved development workflows, and increased delivery efficiency by **25%**.

Full Stack Developer, *Vervegen Tech Private Limited* ⬈   06/2024 – 09/2024 | Dehradun, India
- Streamlined development workflows by introducing CI/CD pipelines, standardizing GitHub repositories, and adopting a local-first development model with controlled production deployments.
- Drove adoption of the new workflows by leading a workshop for management and interns.
- Boosted team productivity by **50%** through automated deployments.

Virtual Lab Developer, *Team Virtual Labs IITR*   06/2024 – 09/2024 | Roorkee, India
- Developed an Engineering Chemistry Lab simulation using **p5.js**, earning Bronze Developer Certification.
- Contributed to IIT Roorkee's Virtual Labs initiative by improving tools for remote chemistry laboratories.

Projects

AI Session Analytics Agent (MCP-Powered), *Wingify*
- **Tech Stack**: MCP (Model Context Protocol), Azure OpenAI, AgentSDK, Langfuse, Python, Typer
- Developed an intelligent agent utilizing MCP tools to bridge the gap between raw session recording data and LLM reasoning.

Competitor's Research Tool, *Wingify*
- **Tech Stack:** MCP, FastMCP, Python, React, Google Sheets API
- Designed and developed an agentic interface that ingests a competitor's URL and automatically generates a comprehensive comparative report in Google Sheets, analyzing our product's knowledge base against the competitor's official documentation.

Skia Coffee Client Project, *Decube Innovation Labs*
- **Tech Used:** Vue.js, Firebase (Auth, Firestore, Functions, Hosting), Headless UI, Shiprocket, GitHub Projects.
- Built and delivered the **Skia Coffee** web application with real-time order tracking and inventory updates, integrated with Android & iOS apps and the admin portal.

Cieszyc Web App, *Spiders.co.in*
- **Tech Used**: Laravel, PHP, Guzzle, Spatie.
- Built and launched a college fest website featuring ticketing, event schedules, and submission/payment workflows, supporting **600+ attendees**.

Skills

Programming Languages	Frameworks & Tools
Python, Rust, Lua	FastAPI, OpenResty, Kafka, Git, MySQL, FastMCP, AgentSDK, Langfuse

Certifications

Certified in Blockchain and Its Applications — IIT Kharagpur - NPTEL

Blockchain and NFT Fundamentals — DApp World

Drone Technology Fundamentals — CerebroSpark & Dept. of ECE, THDC-IHET