

Pratham P. Sharma

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Summary

Aspiring **Product Development Intern** with a strong foundation in **software engineering**, **DevOps**, and **cloud technologies**. Experienced in **low-level design (LLD)**, **automation**, and **user-centric product development**. Skilled in collaborating with cross-functional teams, writing **feature specifications**, and applying **design thinking** and **agile practices** to deliver scalable, innovative, and reliable digital experiences. Passionate about building impactful products aligned with the **product development lifecycle**.

Education

HarvardX CS50 — Harvard University

B.Tech Computer Science (AI & ML) — Sharda University

Pursuing
2024–Pursuing

Key Achievements

- Facilitated **Google Cloud workshops**, mentoring peers at Google Arcade 2024.
- Winner**, Code to Cloud AWS Hackathon.
- Selected for **Google Summer of Code 2025**, contributing to open-source ecosystems.
- Featured on official university channels for **product excellence**.
- Ranked **1st** in Paytm organization leaderboard across business unit.

Skills

Programming:	Java, Python, JavaScript, HTML, CSS
Product Skills:	User Research, Agile/Scrum, Design Thinking, Product Specification, Roadmapping
DevOps & Cloud:	GCP, AWS, Terraform, Docker, Kubernetes, CI/CD (Continuous Integration / Continuous Deployment)
Frameworks & Tools:	Git, GitHub, Firebase, Flask, VS Code, IntelliJ, Terragrunt, Terratest
Machine Learning:	LLMs, Hugging Face, SGLang, OpenRouter
Automation:	Opal by Google, n8n
Design:	Low-Level Design (LLD), UI/UX Prototyping
Databases:	SQLite
Soft Skills:	Collaboration, Communication, Leadership, Problem Solving

Projects

Bandhutva — LinkedIn Manager
Browser extension automating LinkedIn connection management. Designed streamlined workflows and implemented bulk request handling, improving user efficiency and experience.

Vanasandesh.AI — Forestry & Wildlife Tech Aggregator
Developed an **AI-powered research product** for forestry professionals. Built a summarization pipeline (RSS, scraping, keyword filtering) and delivered a Flask dashboard, reducing manual effort by **70 percent**.

Experience

Program Associate – Tech Infra/DevOps — Myristika Sustainable Solutions Jun 2025 – Sep 2025

- Defined and implemented a **news aggregation product**, aligning product requirements with system workflows and delivering automation that improved productivity by **70 percent**.
- Designed and deployed the company website, enabling online presence aligned with business goals.
- Authored **feature specifications**, **API references**, and **deployment guides** for maintainability.

DevOps Intern — Paytm May 2025 – Jul 2025

- Designed scalable **LLM inference pipelines**, aligning infrastructure with product goals for efficient deployment.
- Automated GPU provisioning with **Terraform** and **Terragrunt**, reducing setup time by **80 percent**.
- Collaborated on **CI/CD pipelines** to resolve mismatches, reducing integration issues by **50 percent**.
- Delivered optimized **Docker setups (25 percent smaller images)**, accelerating developer onboarding.

Associate Cloud Engineer — Google (Hybrid) Sep 2024 – Nov 2024

- Achieved **Google Cloud Associate Cloud Engineer Certification**.
- Organized and led **cloud workshops**, increasing participation by **30 percent**.

Certifications

Google Cloud Badge for Generative AI (Google)

Machine Learning Fundamentals (Microsoft)

More Certifications