

# SARVESH NILESH DESHPANDE

Pune, Maharashtra, India | sarveshdeshpande2004@gmail.com | +91 8999820254 | linkedin.com/in/sarveshdeshpande2004

## PROFESSIONAL SUMMARY

AI & Technology Engineering Graduate with strong expertise in Python, SQL, Generative AI integration, and Cloud-based AI platforms. Skilled in prompt engineering, LLM orchestration, Vertex AI, and automated system development. Demonstrated ability to bridge business requirements with scalable AI and data-driven technical solutions. Proven track record in rapid prototype development, structured system design, and agile execution. Seeking an entry-level AI Engineer / AI Developer role to drive intelligent automation and enterprise transformation.

## TECHNICAL SKILLS

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|-----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>AI &amp; Machine Learning:</b> | Generative AI, Prompt Engineering, Vertex AI, LLM Application Development, Autonomous Agents, Model Integration |
| <b>Programming &amp; Data:</b>    | Python, SQL (MySQL, Oracle), JavaScript, HTML5/CSS3, RDBMS Design, REST APIs                                    |
| <b>Cloud &amp; Tools:</b>         | Google Cloud Platform (GCP), Git/GitHub, AppSheet, VS Code, Agile Workflows                                     |
| <b>Core Engineering:</b>          | Data Structures & Algorithms, IoT Systems, System Architecture, Technical Documentation                         |

## PROFESSIONAL EXPERIENCE

### Web Development & AI Integration Intern — Prodigy Infotech Pvt. Ltd., Pune, India **Apr 2024 – Jul 2024**

- Designed and deployed responsive UI web applications using JavaScript and HTML, improving cross-device compatibility and user experience.
- Engineered structured workflows and logic modules to streamline data processing and cross-functional feature deployment.
- Utilized Git version control and participated in daily agile standups, consistently meeting project deliverables ahead of schedule.
- Applied analytical debugging and an automated test-case mindset to resolve system bugs and enhance overall application reliability.

## KEY AI & TECHNICAL PROJECTS

### AI-Assisted IoT Health & Pulse Monitoring System — Savitribai Phule Pune University **Jan 2025 – Mar 2025**

- Architected an IoT-driven pulse monitoring solution integrating microcontroller hardware, micro-sensors, and real-time data streaming logic.
- Built a web-based visualization dashboard using HTML, CSS, and JavaScript for real-time telemetry rendering and decision support.
- Structured predictive threshold alerts using Python-based data handling to identify irregular pulse trends automatically.
- Published clear technical documentation detailing hardware-software system integration and cloud data transfer protocols.

EDUCATION

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Bachelor of Technology (B.Tech) in Electronics & Telecommunication Engineering

Expected Graduation: May 2026

Savitribai Phule Pune University, Pune, India

CERTIFICATIONS

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Prompt Design in Vertex AI — Google Cloud / Credly

2025

- Core competencies: Generative AI, LLM prompt engineering, context tuning, and cloud AI solution development.