

SAMIR SATISH WANKHEDE

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EDUCATION

Pune Institute Of Computer Technology, Pune

2022 - 2026

Bachelor's of Engineering in Computer Engineering

CGPA: 9.49

TECHNICAL SKILLS

Languages & Frameworks: Python, JavaScript, C++, SQL (PostgreSQL, MySQL), Node.js, Express.js, Flask, Next.js, REST API, HTML, CSS

Tools & Libraries: Docker, Kubernetes, Terraform, Ansible, Nginx, Prometheus, Grafana, Git, GitHub, Github Actions, Gitlab CI, Three.js, React.js, R3F, Tailwind, MongoDB, Prisma ORM, Pandas, Numpy, Matplotlib, scikit-learn, Tensorflow, Proxmox VE

Soft Skills: Proficient in English, Hindi & Marathi, Problem-Solving, Communication, Adaptability, Teamwork

EXPERIENCE

RubixKube

Aug 2025 - Sept 2025

Software Engineering Intern

- Collaborating with the engineering team to build AI-native features for an autonomous SRE platform, using LLMs to automate and analyse cloud operations and infrastructure management.

Siemens Digital Industries Software

June 2025 - Aug 2025

Student Intern

- Automated cloud workflows using Terraform, Ansible Playbooks with Tower, GitLab CI, and custom Shell/Python scripts leveraging AWS and Azure CLI and services with almost 98% reduction in execution time.

NiCE

Feb 2025 - July 2025

Virtual Internship program

- Implemented IaC with Terraform for Snowflake, automated deployments with GitHub Actions, built a Go-based metrics exporter with Prometheus, Grafana and Loki, and built a Gemini-powered log summarisation pipeline editable before storing on Hugging Face for LLM fine-tuning.

Metabrix Labs

Nov 2024 - Jan 2025

Software Engineering Intern

- Developed a full-stack admin portal with indexed queries and caching to improve performance by 40%, integrated 3D web pages, and implemented session-based SDK architecture for enhanced management.

Goitdev Technologies

June 2024 - July 2024

Fullstack intern

- Engineered a Dockerized log viewer with Next.js and Node.js, cutting render time by 75% via time/user-based log pagination and deployed to a VPS with route protection and reverse proxy.

PROJECTS

Reddit Video Creator | Node.js, Express.js, REST, MongoDB, GCP, FFMPEG | <https://www.youtube.com/@storymuffin>

- Created a scraper from scratch using reddit api to automate fetching of large amount of data and it's storage.
- Automated a full pipeline: post retrieval, GCP TTS audio generation, SRT creation via ML-based aligner, and video processing with FFMPEG including captioning and thumbnail generation.

Network Treasure Hunt | Next.js, Sqlite, Nginx, Docker, Azure | <https://nth.credenz.co.in>

- Developed a web-based scavenger hunt with a Node.js backend and Next.js for the admin and frontend.
- Configured Azure VM Scale Set, load balancer for optimised access and deployed Dockerized application with automated SSL provisioning and Nginx for VPN-restricted access for secure admin operations.

EXTRA CURRICULAR

Joint Secretary

IEEE, PICT

2023 - Present

- Led technical initiatives, developing event platforms and coordinating teams to deliver large-scale events.

CERTIFICATIONS

Machine Learning Specialisation - Stanford, Deeplearning.ai

Udemy The Complete 2024 Web Development Bootcamp Certification