

Chaitanya Shimpi

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PROFESSIONAL SUMMARY

Full-Stack Developer specialized in **building scalable backend services, responsive frontend applications, and high-impact web utilities**. Proven track record of reducing manual overhead by 90% through robust CI/CD pipelines and intelligent orchestration. Expert in the **Next.js/Node.js stack**, Python-driven automation, and **RESTful API architecture** for enterprise-scale platforms.

EXPERIENCE

Jio Platforms Ltd.

Software Development Engineer I

Dec 2023 - Present

Mumbai, MH, IN

- **Full-Stack API Design:** Architected and developed highly available **RESTful APIs** to expose cloud automation services, reducing manual API management overhead by 50% and streamlining cross-team service integration.
- **Robust Automation:** Engineered automated network configuration and **intelligent verification** for ALB, Firewall, and Gateway products using Python and iControl REST, ensuring 90% faster verification cycles for cloud nodes.
- **Workflow Orchestration & CI/CD:** Designed redundant, large-scale engineering data pipelines using **Apache Airflow** and GitHub Actions for automated repository governance and multi-platform image provisioning.
- **Cloud Infrastructure:** Integrated **Azure HCI** and ROC Cloud into internal automation platforms, ensuring scalable, reliable infrastructure for tier-1 deployments.

Johnson Controls

Software Development Intern

Jan 2023 - Jul 2023

Pune, MH, IN

- Engineered internal portals and digitized business workflows serving 200+ employees, improving operational efficiency by 20% through automated resource management and modern frontend implementations.

PROJECTS

Toolich - Developers Tool Platform

Next.js, TypeScript, Tailwind CSS, PWA

- Engineered an **extensible full-stack engineering platform** with 12+ cloud-native utilities; designed a modular, registry-based architecture for high scalability and zero-boilerplate tool integration.
- Achieved a 95+ Lighthouse performance score through code-splitting and performance tuning, optimizing for reliability across diverse production workloads.

AutoApply – Agentic AI Orchestrator

Node.js, LLMs, TypeScript, Python

- Developed an **Agentic AI orchestration engine** for intelligent data transformation and automated resume tailoring; implemented self-correcting agent chains with 90% accuracy.
- Engineered robust error-handling pipelines and fallback mechanisms to ensure high platform reliability against LLM non-determinism and structured parsing failures.

TECHNICAL SKILLS

Frontend	React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, PWA
Backend	Node.js, Python (FastAPI, Flask), Java (Spring Boot), RESTful APIs, Microservices
Databases	PostgreSQL, MySQL, MongoDB, Redis, SQL Optimization
DevOps/Cloud	Azure (Services, SQL, HCI), GitHub Actions, Docker, Kubernetes, Apache Airflow
Infrastructure	System Design, Distributed Systems, Linux, CI/CD, IaC, Cloud Security, F5 BIG-IP

EDUCATION

Bachelor of Computer Science, Savitribai Phule Pune University

2020 - 2023

AISSMS College of Engineering, Pune — CGPA: 9.16

Diploma in Computer Engineering, MSBTE

2017 - 2020

Sandip Polytechnic, Nashik — Percentage: 94.6%

AWARDS & RECOGNITION

- **Star Performer – Learning Champion**, Jio CloudXP

2025

Recognized for technical expertise in Azure HCI and ROC Cloud, and for optimizing image lifecycle workflows and repository governance for enterprise-scale deployments.