

Shivam Diwakar Nimje

M.Tech Integrated Software Engineering Student

Final-year Software Engineering student at VIT Vellore with hands-on experience as a Cloud Volumes SDE Intern at NetApp India, working on Azure NetApp Files. Experienced in backend development, automation testing, and CI/CD pipelines. Skilled in Java, Go, Python, Cloud technologies, and DevOps tools such as Docker and Kubernetes.

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06, October 2003

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WORK EXPERIENCE

Cloud Volumes SDE | Intern NetApp India

07/2025 - 03/2026

Bengaluru, India

Tasks

- Backend API Development (Go, PostgreSQL):** Developed REST APIs in Go with PostgreSQL to automate deletion of File Access Audit Host configurations, including cleanup of mounted volumes, log storage, export policies, and audit services. This eliminated manual ONTAP-based operations, improving efficiency and ensuring reliable execution with robust error handling.
- Automation Testing & CI/CD Integration (Pytest, Robot Framework):** Developed automated testing frameworks for Azure NetApp Files, validating storage protocols (SMB, NFS, Dual-protocol) and enterprise features such as Kerberos authentication, LDAP over TLS, OpenLDAP, and FlexCache, and integrated the test suites into CI/CD pipelines across multiple Azure regions.
- AI-Powered DevOps Automation:** Built an automation system using GitHub Copilot and MCP integration to automate Kubernetes manifest configuration management across Azure environments, allowing developers to generate, modify, and deploy configurations through simple prompts.
- Azure Portal Testing:** Performed end-to-end validation of Azure NetApp Files protocols (NFSv3/NFSv4, SMB, Dual-protocol) via the Azure Portal, verifying AD/LDAP integration and quota management across enterprise environments.

EDUCATION

M.Tech Integrated Software Engineering Vellore Institute Of Technology, Vellore

2021 - 2026

9.16 / 10

XII

Sri Chaitanya Junior Kalasala

2019 - 2021

Percentage - 97.4%

X

St. Martin's High School

2019

9.0/10

SKILLS

Programming Languages - Java, Python, C/C++, Go, SQL

Core Concepts - Data Structures & Algorithms, Object-Oriented Programming, Problem Solving

DevOps - Docker, Kubernetes, CI/CD Pipelines

Backend Development - Go, REST APIs, Microservices

Testing - Pytest, Robot Framework, JUnit, Selenium

Cloud Platforms - Microsoft Azure

AI & Automation - GitHub Copilot, Prompt Engineering, MCP Integration

PERSONAL PROJECTS

Online Taxi Booking System

- Designed and Developed a desktop-based taxi booking application using Java (Swing, JFrames) and MySQL in NetBeans IDE. Implemented core features including user authentication, ride booking, fare calculation, and driver management. Integrated Apache Ant for build automation and used WAMP Server for database management.

Jira AI-Powered Assistant

- Automated analysis of Jira data to identify bottlenecks and generate actionable insights, improving team efficiency.

News App Development

- Developed a News App using Android Studio and Java that fetches and displays real-time news from REST APIs with dynamic UI rendering.

ACHIEVEMENTS

Merit Scholarship – VIT UNIVERSITY, Vellore (2022 - 2023)

- Awarded for outstanding academic performance

Certificate of Appreciation – VIT UNIVERSITY, Vellore (2022 - 2023)

- Recognized for serving as Programme Representative

CODING PROFILES

- Solved 500+ DSA problems on LeetCode & GeeksforGeeks

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Professional Working Proficiency

Marathi
Limited Working Proficiency