

Ismaeel Shaikh

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EDUCATION

A. P. Shah Institute of Technology (Mumbai University)

Thane

Bachelor of Engineering (B.E.) in Information Technology

July 2023 – Present

- **Current SGPA: 10**

Ramanand Arya D.A.V College (Maharashtra Board)

Mumbai

Higher Secondary Certificate (HSC) – Class 12

June 2022 – March 2023

- **Percentage: 73%**

PROJECTS

Smart Campus Connect (AI CAssistant) | *Python, LangChain, Groq, RAG, PSQL, ChromaDB*

- Developed an AI-powered assistant for A.P Shah Institute using Retrieval-Augmented Generation (RAG) to resolve student queries.
- Engineered a conversational memory system to retain context across multi-turn interactions for a natural user experience and ensuring high-accuracy data retrieval.

Project Link: [ismaeeelshaikh/college-ai-assistant](https://github.com/ismaeeelshaikh/college-ai-assistant)

Neurodiverse Assistance System | *React, Node.js, MongoDB*

- Built a socially impactful platform tailored for individuals with Autism and ADHD, focusing on cognitive ease and simplicity.
- Designed intuitive workflows and simplified UI to reduce decision fatigue and assist users with daily routines.

Project Link: [ismaeeelshaikh/NeuroDiverse](https://github.com/ismaeeelshaikh/NeuroDiverse)

DevOps Club Official Website | *React, Firebase*

- Developed and deployed (link: <https://dev-ops-apsit.vercel.app/>) the official club website to manage events and resources for the student community.
- Established automated CI/CD pipelines for seamless updates and Optimized site performance and SEO.

Project Link: <https://dev-ops-apsit.vercel.app/>

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript

Frameworks: React, Node.js, FastAPI

DevOps: Git, GitHub, Docker, Jenkins, Ansible

Databases: MySQL, MongoDB, PostgreSQL

Cloud Technologies: Vercel, Netlify, Cloudinary, Basics of AWS

Operating Systems: Ubuntu, Windows, CentOS

Security Tools: Wireshark, Nmap, Hashing, Firewalls, IDS

EXTRA-CURRICULAR ACTIVITIES

Technical CO-Head

July 2025 – Present

DevOps Club APSIT

- Formulated and deployed a comprehensive **16-week technical curriculum**, structuring the learning path from basic Linux administration to advanced Cloud deployments.
- Collaborated on the **development of the official club website**, implementing a centralized platform for event management and resource sharing.
- Executed specialized technical training sessions, including the **Linux and LaTeX Bootcamps**, receiving official Letters of Appreciation from the department for instructional quality.
- Cultivated a technical culture by mentoring junior students on **Docker, Jenkins, and Git**, bridging the gap between academic theory and industry implementation.

ACHIEVEMENTS & CERTIFICATIONS

Achievements

- **First Runner-up – Sparkathon** | *APSIT, Thane*
- **Certificate of Achievement – GDG Solution Challenge** | *Google Developer Groups*

Certifications

- Elite NPTEL DBMS Certification (IIT Kharagpur) [↗](#)
- IBM Agentic AI: From Learner to Builder - Become an AI Agent Architect [↗](#)
- Python Fundamentals [↗](#)
- Generative AI Mastermind [↗](#)
- Cybersecurity Virtual Internship [↗](#)
- Network Security Associate Virtual Internship [↗](#)
- Generative AI Virtual Internship [↗](#)
- AI-ML Virtual Internship [↗](#)