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M.Sc. - Computer Application
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KEY EXPERTISE

AWS Python Linux DevOps

EDUCATION

Indira College of Commerce & Science	2024 - 2026
M.Sc. - Computer Application	CGPA: **9.57 / 10**	

Modern College of Arts, Science and Commerce, Progressive Education Society	2021 - 2024
B.Sc. - Computer Science - Computer Science (Full Time)	CGPA : **7.99 / 10**	

Baburaoji Gholap School Sangvi Pune	2021
12th	MSBSHSE	Percentage: **81.50 / 100**	

Baburaoji Gholap School Sangvi	2019
10th	MSBSHSE	Percentage: **84 / 100**	

INTERNSHIPS

Elevate labs	IT / Computers - Hardware	20 Oct, 2025 - 03 Dec, 2025

Devops Intern
Completed a remote DevOps internship at Elevate Labs, working on CI/CD (Jenkins, GitHub Actions), Docker, Kubernetes, Terraform (IaC), AWS basics, system monitoring, Bash/Shell automation, and Git/GitHub version control.

PROJECTS

Hardware Shop Managment System	02 Feb, 2025 - 04 Apr, 2025

Key Skills: ASP .NET, C #, Acess

Developed a desktop-based Hardware Shop Management System using ASP.NET and C# for inventory management, billing automation, and maintaining customer, product, and supplier records.

Secure and Scalable Cloud Infrastructure on AWS

Key Skills: AWS VPC, EC2, S3, IAM, CloudWatch, SNS, SQS

Designed and deployed a secure, scalable AWS infrastructure with VPC, EC2, S3, IAM, CloudWatch alerts, and an S3⇒SQS event-driven workflow to automate monitoring and processing.

Infrastructure as Code (IaC) Automation Using Terraform

Key Skills: Terraform, AWS (EC2, S3, VPC), IAM, Security Groups

Implemented IaC using Terraform to automate provisioning of AWS resources (EC2, S3, VPC, IAM, Security Groups) and deployed a web application in a scalable, secure, and fully repeatable cloud environment.

PUBLICATIONS / RESEARCH / WHITE PAPERS

House Price Prediction Using Machine Learning
No. of Authors: 2

Key Skills: Python ML Power BI google colab

Developed a house price prediction model using Python and ML algorithms, with Linear Regression achieving the highest accuracy, and visualized results in Power BI.

ASSESSMENTS / CERTIFICATIONS

AWS Cloud Practitioner Essentials

Key Skills: EC2 S3 VPC IAM CloudWatch CloudTrail Lambda

Completed AWS Cloud Practitioner Essentials, gaining foundational knowledge of core AWS services, cloud concepts, security, billing, and best-practice architecture principles.

DevOps Tools

Key Skills: Terraform Jenkins Kubernetes Docker CICD Github

Completed DevOps Tools certification covering the basics of CI/CD, Git/GitHub, Jenkins, Docker, and automation fundamentals.

POSITIONS OF RESPONSIBILITY

Volunteer

I volunteered in my college cultural activities where I helped with organizing events, managing students, and supporting the faculty. It taught me teamwork, responsibility, and how to handle tasks during events.

WEB LINKS

- Github - https://github.com/ashwinitakik