

# Prathamesh Patil

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## ABOUT ME

Devops learner with a strong foundation in automation and cloud tools. Collaborative, data driven problem solver who stays updated through news and tech exploration.

## EDUCATION

Vidyavardhini's College of Engineering and Technology

**Bachelor of Engineering** in Computer Science and Engineering (Data Science) 2022 – 2026

- CGPA: 7.78

Nutan Ucchhmadhymik Vidyalaya at Chinawal

**Higher Secondary Certificate (HSC)** 2020 – 2022

- Percentage: 78

Nutan Madhymik Vidyalaya at Chinawal

**Secondary School Certificate (SSC)** 2018 – 2020

- Percentage: 88

## SKILLS

**Programming Languages:** Python, C ,Sql , Bash Scripting

**Web Development:** HTML, CSS, Django

**Database Management:** MySql

**Cloud and Devops:** AWS (S3, EC2), Docker (Containerization), CI/CD (Travis CI), Monitoring & Observability (Prometheus, Grafana)

**Version Control & Collaboration:** Git ,GitHub

**Others:** Machine Learning , Cryptography and System Security.

## CERTIFICATIONS

SQL Certified by HackerRank, 2025.

Python Development Essentials by Udemy, 2024.

Organ Donation Awareness by NSS and University of Mumbai, 2024.

## PROJECTS

**Inventory Management System** ( Company: Delta Soft sys.) 08/24-11/24

- Build a web application that tracks stock , coordinates vendors, automates billing and reporting . Replace the manual excel sheet with a real-time dashboard so managers always know what is in the stock , what to order and generate invoice instantly.
- Framework : Django, Database : Mysql ,EOQ is used to automate reorder suggestions and reduce inventory costs.

**Predicting Fashion Trends using AI: Emergence, Lifespan and Resurgence:** 01/24 – 03/24

- Difficulties businesses face in accurately predicting and adapting to rapidly progressing fashion trends. The proposed system is a web application focuses on the three core goals I: i. Predict future trends, ii. Predict lifespan of the trends, iii. Predict resurgence of a trend.
- Framework: Django, Machine Learning Algorithms, Data Analytics and Visualization

## **PUBLICATION**

### **Integrated Machine Learning for Cricket: Predicting Match Winners**

Citation: M. A. M. Y. Ansari, A. M. Pal, C. A. Patil, and P. L. Patil, "Integrated Machine Learning for Cricket: Predicting Match Winners, " in Proc. Int. Conf. Sci. Technol. Eng. Math. Sustain. Dev. (ICSTEMSD), Mumbai, India, Feb. 2025, ISSN: 0971-3034

### **VSAP: Technical Framework for College Academics**

Citation: M. A. Ansari, S. Ghat, P. Patil, S. Gupta and S. Shingi, "VSAP: Technical Framework for College Academics," 2024 11th International Conference on Computing for Sustainable Global Development (INDIACom), New Delhi, India, 2024, pp. 178-184, doi: 10.23919/INDIACom61295.2024.10498972