

# Pratham Patil

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## ACADEMIC QUALIFICATION

- **B.Tech in Information Technology** - Vishwakarma Institute of Information Technology, Pune July 2025
- **HSC** - S.S Science and Commerce college, Jalgaon. May 2021
- **SSC** - Rustumjje International School, Jalgaon. May 2019

## ACADEMIC PROJECTS

### Gesture-Controlled ATM System for Contactless Banking

- Developed a touchless ATM system using hand gesture recognition and facial identification for secure, contactless banking. Integrated machine learning model (**CNN**) and computer vision techniques with **OpenCV** and **MediaPipe**.
- Utilized depth-sensing cameras for gesture tracking and biometric authentication for enhanced user transaction security

### Agrismart - Agronomy Decision Tool

- It features DL crop recommendation web-based model that predicts the best crop based on user-provided soil data, with humidity and temperature fetched via a **weather API**.
- The implementation uses **Python, JavaScript, CSS** to create a user-friendly interface for farmers.

### Taskmaker web-app hosted using Amazon AWS

- Developed and hosted a simple to-do list task master web app on AWS using EC2 for server hosting and **MySQL** for database management. Focused on cloud-based deployment to ensure efficient resource management, secure database connectivity, and seamless performance

### Efficient Library Handling System

- Designed and implemented a normalized **SQL database** schema for books, members, loans, and returns. Improved SQL performance with optimized queries, views, and indexes, enhancing system responsiveness.
- Automated tasks and maintained data integrity using stored procedures, triggers, and constraints, reducing manual workload by 50% and enhancing system reliability

## TECHNICAL SKILLS

**Languages** - Java, HTML, CSS, MySQL, Python, Javascript.

**Technology & Tools** - Cloud, DBMS, CN, AWS, Power BI, Flutter, GIT

**Other Area of Interest** - Stock Market, Finance, Cricket

## INTERNSHIPS/ EXPERIENCE /ACHIEVEMENTS

- **Business Development Intern - Atención Media, Pune** January 2024 - March 2024  
Orchestrated client acquisition and delivery of exceptional services, showcasing adept presentation, data analytics, networking, inter- personal prowess.
- **3rd Rank in Hack Matrix Hackathon at Pict Pune**
- **Solved 450+ coding questions across Leetcode, Hackerrank, GeeksforGeeks**
- **2nd Position in Code Crafters at Perception VIIT**

## POSITIONS OF RESPONSIBILITY

- **PRESIDENT - GEEKSFORGEEKS VIIT** July 2023-July 2024  
Led a tech community, inspiring learning and driving technological advancements.
- **Industry Relations Head - Entrepreneurship Development Cell VIIT** July 2023-July 2024  
Strategic industry and public relations initiatives for fostering partnerships & amplifying the cell's impact.
- **Technical and Marketing Team - Vishwapreneur 2024** Jan-March 2024

## CERTIFICATIONS

- **IBM** DevOps and Software Engineering (14 courses track)
- **AWS** Academy Certified Cloud Practitioner Badge Certification from **Amazon Web Services**
- Data Structures and Algorithms Using JAVA from **Coursera**
- Cisco Certified Network Associate (**CCNA**)