

MOHAMMAD ARSHAD ALI SHAIK

Dno.17/49A, Telaprolu, Ithanagar, Tenali

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Education

Vignan's Foundation for Science, Technology and Research

2021 – 2025

B.Tech in Computer Science Engineering

CGPA: 7.88

Sri Chaitanya Junior College

2019 – 2021

Intermediate (MPC)

Score: 939/1000

Projects

TaskFlow Smart Management System — React, Node.js, MongoDB, Docker

2025

- Developed a task management platform with user authentication, task creation, reminders, and progress tracking.
- Integrated JWT-based authentication and RBAC for secure access control.
- Designed REST APIs for efficient task assignment, filtering, and status updates.
- Built a responsive analytics dashboard for task overview and productivity insights.
- Containerized the application using Docker Compose for simplified deployment.

ShopEase E-Commerce Platform — React, Node.js, MySQL

2025

- Implemented reusable UI components for product catalog, cart, and order tracking.
- Developed backend services for authentication, product management, and secure checkout.
- Designed normalized MySQL schema ensuring consistent transactional integrity.
- Added category-wise dynamic search improving product discoverability.
- Enhanced responsiveness for smooth usage across mobile and desktop devices.

Face Recognition Voting System — Python, PHP, OpenCV, MySQL

2024

- Applied LBPH-based facial recognition to authenticate voters before polling.
- Captured and processed live facial input using OpenCV for real-time verification.
- Developed PHP backend to record, validate, and securely store votes.
- Designed a minimal-step voting interface to improve usability and reduce errors.
- Improved election integrity by enforcing biometric verification during voting.

Technical Skills

- **Languages:** Python, C, Java
- **Web:** HTML, CSS, JavaScript, Node.js(Beginner)
- **Frameworks/Tools:** React, Flask, Docker, Git
- **Databases:** MySQL
- **Cloud:** AWS(Beginner)

Certifications

- NPTEL Certifications: IoT, E-Business, Principles of Management, Leadership and Team Effectiveness
- Cambridge PET and BEC (Score: 157)
- HackerRank Certifications: Python, Java, Problem Solving

Accomplishments

- Paper accepted: "Precision Agriculture: Hybrid Ensemble for Dynamic Crop Recommendations" at ICCCNT 2025.
- Solved over 20,000 lines of competitive programming challenges across CodeChef, HackerEarth, and HackerRank.
- 2-Star Coder on CodeChef.
- Participated in GfG Hackathon.