

# 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 an end-to-end task management system supporting user authentication, task creation, deadline alerts, and progress status tracking.
- Implemented RBAC-based access control and JWT authentication to secure user-level operations.
- Designed optimized REST API endpoints enabling efficient task querying, assignment, and filtering.
- Integrated responsive dashboard UI for visual task progress, productivity insights, and daily activity summaries.
- Containerized the application using Docker Compose allowing seamless deployment across host systems.

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

2025

- Built a modular and reusable component-based UI for browsing products, managing shopping cart, and tracking orders.
- Developed backend services handling product catalog, user authentication, order management, and secure checkout logic.
- Implemented MySQL-based relational schema ensuring reliable transaction and data consistency.
- Added search and dynamic category filtering to improve product discoverability and user experience.
- Enhanced UI responsiveness to support seamless browsing across mobile and desktop devices.

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

2024

- Implemented LBPH-based facial recognition for accurate identity verification before granting voting access.
- Captured and processed real-time facial images using OpenCV, ensuring minimal recognition latency.
- Developed PHP-based backend logic to log, validate, and store authorized votes in a secure database.
- Designed a clean front-end voting interface minimizing user interaction steps while maintaining security.
- Reduced identity fraud incidents by enforcing biometric verification during voting workflow.

## 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.