

# MOHAMMAD AFRID PASHA

[✉ afridpasha1983@gmail.com](mailto:afridpasha1983@gmail.com) [LinkedIn](https://www.linkedin.com/in/afrid-pasha/) [Hyderabad, Telangana, India](#)

[📞 +91 7569061834](tel:+917569061834) [Instagram](https://www.instagram.com/afridpasha/) [My Portfolio ↗](#)

## PROFESSIONAL SUMMARY

Motivated student with strong skills in Data Structures and Algorithms, and Full-Stack web development. Passionate about software development and solving real-world problems with efficient, scalable solutions.

## EDUCATION

### Vasavi College of Engineering, Hyderabad

2023 – 2027

Bachelor of Engineering in Information Technology - **CGPA: 8.5**

Telangana, India

(Honours in Artificial Intelligence and Machine Learning)

### Sri Nalanda Junior College, Bhadravati Kothagudem

2020 – 2022

MPC - Percentage: **91.1%**

Telangana, India

### D.A.V Model School, Palvancha

2020

SSC - **GPA: 10.00/10.00**

Telangana, India

## WORK EXPERIENCE

### Oasis Infobyte Internship / Web Development and Designing ↗

Jul 2025 - Aug 2025

- Developed 3 full-stack web applications using React.js, HTML5, and CSS3, delivering pixel-perfect responsive designs for 5,000+ page views Remote
- Optimized component rendering achieving 30% faster load times and implemented modern UI/UX patterns following industry best practices.

### Walmart Global Tech / Advanced Software Engineer ↗

Jun 2025 - Jul 2025

- Engineered scalable database solutions using advanced data structures and SQL optimization, improving query performance by 40% Remote
- Architected RESTful microservices with clean architecture principles, implementing data munging pipelines processing 100K+ records.

## PROJECTS

### DeepFitAI Mobile App / ML, Mediapipe, TensorFlow, MiDaSS

[CODE ↗](#) — [LINK ↗](#) 2025

- Engineered real-time AI fitness tracker achieving 95% pose accuracy across 4 exercise types, processing 30+ FPS video with instant feedback for 500+ users.
- Developed ML scoring algorithm with graph analytics that reduced form correction time by 40% and improved workout precision by 25%.

### Local-Connect E-commerce Platform / MERN, REST APIs, MySQL

[CODE ↗](#) — [LINK ↗](#) 2025

- Architected full-stack marketplace handling 1,000+ concurrent users with 99.8% uptime, processing \$50K+ transactions with zero security breaches.
- Optimized MySQL queries and indexing, reducing response time by 60% and scaling platform to 10,000+ monthly active users.

### Traffic Optimization / ML, YOLOv8, CV, Deep Learning, CNN, HSV Detection

[CODE ↗](#) — [LINK ↗](#) 2024

- Deployed YOLOv8-based system achieving 92% vehicle detection accuracy at 25 FPS, processing 2,000+ vehicles/hour across multi-lane traffic.
- Built CNN prediction model that reduced average wait time by 35% with emergency vehicle prioritization in <2 seconds.

## TECHNICAL SKILLS

- **Technologies and Frameworks :** React.js, Node.js, MERN Stack, Git, MongoDB, Flask, HTML, CSS.s
- **Programming Languages :** Java (object-oriented design), JavaScript, C/C++, Python, SQL (Database).
- **Soft Skills :** Problem Solving, Team Collaboration, Communication, Adaptability, Time Management.
- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, DynamoDB, IAM security), GCP, OCI, Azure.
- **ML/AI:** Scikit-learn, TensorFlow, PyTorch, Computer Vision, YOLO v8, OpenCV, NLP.

## EXTRA CURRICULAR ACTIVITIES AND ROLES

- Qualified for TCS CodeVita Season 13 – Round 2. ↗
- Secured 32nd Position in Deal Dynamics at Quark'25, BITS Pilani. ↗
- Providence LEAP Ideathon Qualified to Stage-2. ↗

## CERTIFICATIONS

- Supervised Machine Learning – DeepLearning.AI (Coursera), Instructor: Andrew Ng, 2025. ↗
- AWS Cloud Technical Essentials – Amazon Web Services (Coursera), 2025. ↗
- Databases for Developers – Oracle, 2025. ↗
- Cisco Networking Academy (Introduction to Networks) Certification. ↗
- Oracle Cloud Infrastructure 2025 Certified Multicloud Architect Professional – Oracle, 2025. ↗
- Cisco Networking Academy (Introduction to Cybersecurity) Certification. ↗
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate – Oracle, 2025. ↗