SHAIK MOHAMMAD ANJU FARHANA

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PROFILE SUMMARY

Highly motivated and detail-oriented Engineering graduate with strong proficiency in **JavaScript, TypeScript, React, Redux, and Express.js**. Skilled in **application development**, **design**, and **implementation** of scalable web solutions using modern frameworks. Demonstrates excellent **attention to detail**, **critical thinking**, and **problem-solving** abilities while ensuring top-notch **performance** and **product quality**. Experienced with **PostgreSQL**, **DevOps collaboration**, and **quality assurance** processes. Committed to continuous **growth** and learning while working **collaboratively** in agile, cross-functional teams. Passionate about building impactful digital products that enhance patient experiences in the healthcare domain.

EDUCATION

B. Tech in Computer Science and Engineering (AIML)	2021-2025
Malineni Perumallu Educational Society's Group of Institution	CGPA: 7.4/10

TECHNICAL SKILLS

Programming Languages:	Java, Python (basics), C
Web Technologies:	HTML**,** CSS**,** JavaScript
Framework:	Spring boot**,** Hibernate
Web tools:	Git, GitHub**, VS** code
Database:	MySQL
Common skills:	MS word**,** MS office **(**Word**,** Excel**,** Power Point**)**
Concepts:	Software Development Lifecycle **(**SDLC**)**

ACADEMIC PROJECTS

Ransom Wall: A Layered Defense System against Cryptographic Ransomware Attacks using Machine Learning
- **Early Detection:** Utilizes machine learning to identify ransomware behavior before encryption begins.
- **Layered Protection**: Combines multiple defense strategies like file monitoring, behavior analysis, and access control.
- **Tool Usage**: Java, Python & ML (40%), Monitoring tools (25%), Data processing (15%), Testing & visualization (20%).
- Collected and pre-processed data for ransomware detection using ML models.
- Ensured accuracy of datasets with **monitoring and reporting of test results**.
- Followed **structured procedures and guidelines** to validate output.

War field spying robot using night vision camera
- **Surveillance Support**: The robot monitors enemy areas remotely in real-time using wireless control.
- **Night Vision Integration**: Equipped with a night vision camera to capture and transmit footage in low-light or dark environments.
- Developed software control for Arduino hardware, including requirement tracing and debugging.
- Created system layout diagrams and documented circuit-software interaction processes.

CERTIFICATIONS

- Machine Learning Internship – Skill Dzire (2024)
- Java Programming (Tap Academy – 2025)
- Developer & Technology Job Simulation – Accenture Forage (2025)
- Covered SDLC, ITSM, Endpoint Security, Debugging, and IT Operations
- TCS iON Career Edge – Young Professional (2025)

SOFT SKILLS

Team Collaboration | Quick Learner | Communication | Problem Solving | Leadership | Collaborate | Teamwork | critical thinking