

## SHAIK MUSHRAF

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### PROFILE SUMMARY

Aspiring Software Engineer with a B.Tech in Computer Science (AI), currently exploring real-world applications in **Root Cause Analysis, Debugging, and Incident Troubleshooting** in cloud environments. Gaining hands-on experience with **Linux/Unix, Shell Scripts, MySQL, and Oracle**, while learning to build **Scalable, Clean**, and robust systems aligned with the **Software Development Life Cycle**. Actively working on **Firmware** deployment practices, **Infrastructure** management, and **Process Improvement** using tools like **Bitbucket, Jira, and Confluence**. Passionate about clean **Customer Service** solutions, **Data Analytics** using **AWS** and visualization tools, and proficient in modern **Programming Languages** like Python, Java, and **Ruby on Rails**. Always eager to work in a **fast-paced**, innovative environment while contributing to impactful **Product** development and **Product Management** efforts.

### EDUCATION

#### Bachelor of Technology in Artificial Intelligence

2021-2025

Qis College of Engineering and Technology, Ongole, Andhra Pradesh

CGPA: 7.65

### INTERNSHIP

#### CVRDE-DRDO

June 2024-July 2024

##### Title: Failure Prediction of Light weight Nano Armour Using Microstructure Through AI

Developed machine learning models to predict failure in light weight nano armour materials. Achieved 100% Accuracy in failure prediction using the Random Forest model, improving the design of nano armour materials.

### TECHNICAL SKILLS

- **Programming Languages** :Python, Java, C
- **Front-End Technologies** :HTML5, CSS3, JavaScript
- **Databases** :SQL
- **Cloud & DevOps** :Git, GitHub Actions
- **Common Skills** :Word, PowerPoint, Excel

### PROJECTS

#### Smart Home Management System Using AI and IOT

Smart Home Management System using AI (Artificial Intelligence) and IoT (Internet of Things) integrates connected devices with intelligent software to automate and optimize home functions. IoT enables various devices—like lights, thermostats, cameras, and appliances—to communicate and share data. AI analyzes this data to learn user behavior, predict needs, and make real-time decisions.

#### Heart Valve Disease Prediction Using Machine Learning

Heart Valve Disease Prediction Using Machine Learning involves applying algorithms to analyze medical data and detect abnormalities in heart valve function. Machine learning (ML) models are trained on datasets containing patient information such as ECG readings, echocardiograms, heart sounds, and clinical parameters.

#### Tumor Identification in Brain MRI Scans Using CNN Models

Brain tumor detection using Convolutional Neural Networks (CNNs) automates identifying tumors in brain MRI scans. Using datasets like Brain MRI or BTID, the system processes images through CNN architectures, extracting features for classification. It aids in early diagnosis, enhances accuracy and reduces errors, and significantly improves patient outcomes in medical imaging.

### CERTIFICATIONS

- Web Development from Internshala
- Cyber Security from PaloAlto Networks
- Intelligent Automation from SS&C | Blueprism

### SOFT SKILLS

- Quick Learner | Time Management| Leadership | Collaboration | Consistency