SHAIK MUSHRAF

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PROFILE SUMMARY

Motivated and collaborative Full Stack Developer in training, currently learning Java, J2EE, Spring Boot, and Angular to build scalable and reliable enterprise solutions. Gaining hands-on exposure to Microservices, containerization with Docker and Kubernetes, and cloud platforms like AWS, Azure, and GCP. Learning to implement clean and efficient code, ORM using Hibernate/JPA, and manage both SQL (Oracle, PostgreSQL) and NoSQL (MongoDB) databases. Familiar with tools like GitLab CI, Jenkins, Kafka, Amazon S3, Lambda, EC2, EKS, Prometheus, and Grafana. Continuously building my skills across the software development life cycle—from collaborating with stakeholders to testing, UAT, monitoring, and documentation—by following industry best practices.

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