

SHAIKMUZAHID BASHA

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EDUCATION

Bachelor of Technology in Computer Science:

2022-2025

NRI Institute of Technology, Vijayawada

CGPA:8.14

Diploma(Electrical and Electronics Engineering):

2022-2019

Government polytechnic Vijayawada.

Percentage: 86.34%

Schooling:

DAV Public School, Vijayawada.

CGPA: 9.7

Skills

Programming Languages:Java,Python

Technical Skills: HTML, CSS, MySQL, ML.

Tools: Postman, GIT, GITHUB.

EXPERIENCE

Undergraduate Intern—Java FullStack

HMI Engineering Services

- Completed an Online internship program focused on Java Full Stack Development.
- Played a vital role in the development of web applications, actively contributing to the implementation Java, JSP, Servlets and RDBMS with 20% improvement in application performance.
- Gained hands-on experience in web development using Java.

SoftwareEngineering Intern

GAOTEK Industry

- Worked as an intern focused on Backend Development.
- Assisted in project management and coordination to achieve team goals and objectives.
- Collaborated with cross functional teams to achieve common goals and objectives.

PROJECTS

SpendSmart - Expense Tracking & Visualization

A personal finance management tool to track and visualize user expenses.

- Designed and implemented a backend system to log, categorize, and retrieve user expenses efficiently using **Java and MySQL**.
- Developed **SQL queries** to manage financial data, ensuring data integrity and optimized performance and visualization in pie chart format.
- Built a **custom Java-based logic** to generate insights, such as monthly spending trends and category-wise distribution.
- Implemented **data export functionality (CSV format)** for user reports.

Chronic Kidney Disease (CKD) Prediction and Image Based Analysis Using ML

- Developed a dual-input ML model **integrating clinical data and ultrasound image analysis** for accurate Chronic Kidney Disease (CKD) risk prediction, enhancing diagnostic support.
- Built and optimized classification models (**Random Forest, SVM, etc.**) with **evaluation via ROC-AUC, F1-score, and confusion matrices for robust model comparison**.
- Preprocessed and augmented medical imaging data, **applying OpenCV and custom functions for ultrasound analysis to extract meaningful visual features**.
- Deployed an interactive Streamlit dashboard, **allowing real-time predictions and model visualizations, streamlining the user experience for healthcare professionals**.

Achievements & Certifications

- NPTEL—CloudComputing
- Certified in a cyber security internship at IBM Skill Build.
- Attended an AI workshop at Vishakapatnam, gaining hands-on experience with AI technologies and techniques, and enhancing knowledge of machine learning, deep learning, and industry trends.