

Shaik Irfan Ahamed

mail: shaikirfanahamed87@gmail.com phone: +91-9000552179

github: github.com/shaikIrfan87 LinkedIn: [linkedin.com/in/shaikirfan87](https://www.linkedin.com/in/shaikirfan87)

Portfolio: <https://shaikirfan87.github.io/irfanportfolio/> Location: Proddatur, Andhra Pradesh

Professional Summary

Detail-oriented and passionate B.Tech student specializing in Artificial Intelligence and Machine Learning at CBIT, Proddatur. Experienced in designing and developing intelligent systems using Python, machine learning algorithms, and cloud technologies. Demonstrated ability to solve real-world problems through data-driven approaches in domains like healthcare, education, and mental health. Proficient in building predictive models, developing chatbots, and deploying applications using tools like AWS and MongoDB. Strong foundation in data science, software engineering principles, and a proven track record of delivering results through academic projects and virtual internships.

Technical Skills

Languages: Python, Java, R, SQL, HTML, CSS, JavaScript

Frameworks/Tools: Scikit-learn, Pandas, MongoDB, Git, AWS

Domains: Artificial Intelligence, Machine Learning, Data Science, Natural Language Processing

Education

B.Tech in Artificial Intelligence and Machine Learning 2022–2026

Chaitanya Bharathi Institute of Technology (CBIT), Proddatur

M.P.C – Intermediate 2020–2022

Sri Chaitanya Junior College, Kadapa

Projects

Diabetic Prediction System (Python, ML, Pandas, Scikit-learn)

Developed a supervised learning model to predict the likelihood of diabetes using patient health metrics. Implemented logistic regression and random forest classifiers, achieving 85% accuracy. *Awarded 1st place at campus coding fest.*

NLP-Based Question Paper Generator (Python, NLP, HTML, CSS, Fast API, JS)

Designed a system that generates exam papers by extracting and structuring questions from syllabus content. Utilized NLP techniques including tokenization, NER, and TF-IDF for ranking and formatting. Currently in testing phase.

AI Mental Health Chatbot (In Progress) (Python, Chatbot, Text Analysis)

Creating a chatbot that detects emotional states (stress, depression, anxiety) from text inputs and recommends mental wellness tips and diet plans. Integrated sentiment analysis and intent classification modules for response accuracy.

Internships

AWS AI/ML Virtual Internship

Completed projects involving AWS SageMaker, Rekognition, and Lambda to train and deploy ML models on the cloud.

Google AI/ML Virtual Internship

Worked on real-world data modeling tasks using TensorFlow and Colab. Gained experience with supervised/unsupervised learning workflows.

Certifications

AWS Academy Graduate – Cloud Foundations

Accenture Developer and Technology Job Simulation Program – Forage

Achievements

- Won 1st place for Diabetic Prediction Project at Coding Fest
- Selected for and completed virtual internships in AI/ML from AWS and Google

Soft Skills

Problem Solving, Leadership, Team Collaboration, Creativity, Analytical Thinking