

Saniya Ahemad

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EDUCATION

VIT Bhopal University

Integrated M. Tech in Computer Science - 8.88 CGPA

Sep 2022 – Jun 2027

Bhopal, MP

Government Prabhavati Manekar Higher Secondary School

May 2022

Class XII – 95%

Sausar, Chhindwara

Government Prabhavati Manekar Higher Secondary School

Jun 2020

Class X – 97.25%

Sausar, Chhindwara

PROJECTS

MediWise (Python, Flask, Scikit-learn, spaCy, HTML, CSS, JavaScript) [\[LINK\]](#)

Jan 2025 – Mar 2025

- Developed an AI-powered medical chatbot providing instant healthcare advice using ML (Scikit-learn), NLP (spaCy).
- Implemented RESTful APIs for user interaction and designed end-to-end data pipelines for preprocessing and model inference.
- Processed 8,000+ medical records and improved model accuracy by 15% through feature engineering and data balancing.

Resume Screening AI-Based System (Python, Scikit-learn, NLP, Pandas) [\[LINK\]](#)

Sep 2024 – Nov 2024

- Built an ML-based system to automate resume shortlisting using supervised learning and NLP for profile-job matching.
- Processed 1,000+ resumes with Pandas data pipelines and optimized model performance via feature selection.
- Reduced manual screening time by 35% and improved precision using model evaluation metrics (precision, recall, F1-score).

Virtual Chemistry Lab (HTML, CSS, JavaScript, Bootstrap) [\[LINK\]](#)

Apr 2025 – Jul 2025

- Developed a web-based interactive lab simulating chemistry experiments for 200+ students.
- Built instructor dashboards and analytics for user engagement and progress tracking.

TECHNICAL SKILLS

Languages: Python, Java, C, MySQL, JavaScript, R, HTML/CSS

Frameworks & Libraries: Flask, Pandas, NumPy, Matplotlib, TensorFlow, Scikit-learn

Tools & Platforms: Git, GitHub, AWS, VS Code

Other Skills: Data Analysis, Machine Learning Model Optimisation

ACHIEVEMENTS

- Awarded Dreamed **STARS Scholarship** from VIT Bhopal University for academic excellence.
- Secured **first position in district merit in Class 12th** and was awarded a **state merit scholarship**.
- Recipient of the **Reliance Foundation Scholarship** for outstanding performance.
- Won a \$200 Special Prize in **Splunk Build-a-Thon** for “Impossible Travel Detection” in enterprise systems.

CERTIFICATIONS

- AWS Cloud Practitioner [\[LINK\]](#)
- Introduction to Machine Learning (NPTEL) [\[LINK\]](#)
- Applied Machine Learning (Coursera) [\[LINK\]](#)
- Oracle Cloud Infrastructure 2025 Certified Data Science Professional [\[LINK\]](#)