

# Saniya Ahemad

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## EDUCATION

|   |                     |
|---|---------------------|
| VIT Bhopal University                                 | Sep 2022 – Jun 2027 |
| Integrated M. Tech in Computer Science - 8.88 CGPA    | 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) <a href="#">[LINK]</a>   | Jan 2025 – Mar 2025 |
| <ul style="list-style-type: none"><li>Developed an AI-powered medical chatbot providing instant healthcare advice using ML (Scikit-learn), NLP (spaCy).</li><li>Implemented RESTful APIs for user interaction and designed end-to-end data pipelines for preprocessing and model inference.</li><li>Processed 8,000+ medical records and improved model accuracy by 15% through feature engineering and data balancing.</li></ul> |                     |
| Resume Screening AI-Based System (Python, Scikit-learn, NLP, Pandas) <a href="#">[LINK]</a>   | Sep 2024 – Nov 2024 |
| <ul style="list-style-type: none"><li>Built an ML-based system to automate resume shortlisting using supervised learning and NLP for profile-job matching.</li><li>Processed 1,000+ resumes with Pandas data pipelines and optimized model performance via feature selection.</li><li>Reduced manual screening time by 35% and improved precision using model evaluation metrics (precision, recall, F1-score).</li></ul>         |                     |
| Virtual Chemistry Lab (HTML, CSS, JavaScript, Bootstrap) <a href="#">[LINK]</a>   | Apr 2025 – Jul 2025 |
| <ul style="list-style-type: none"><li>Developed a web-based interactive lab simulating chemistry experiments for 200+ students.</li><li>Built instructor dashboards and analytics for user engagement and progress tracking.</li></ul>  |                     |

## 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 [\[LINK\]](#)