

# SHREYA R

## DATA ANALYST | AI ENGINEER

### PROFILE

Passionate and detail-oriented AI & Data Science student, with a strong foundation in programming and data analytics. Proficient in Python, C, C++, and basic Java, with hands-on experience in Power BI and Excel for generating data-driven insights. Skilled in UI/UX design using Figma, combining technical and creative strengths. Recognized for strong communication, teamwork, and problem-solving abilities. Enthusiastic about applying technical and analytical skills to innovative projects in AI and data science.

### PROJECTS

#### SMART IRRIGATION SYSTEM

- Designed and developed an intelligent irrigation system that leverages AI and ML techniques to optimize water usage.
- The system integrates soil moisture sensors to collect real-time data, which is then analyzed using machine learning models to determine the precise irrigation needs of plants.

#### ONBOARDING AND LOGIN SCREEN

- Designed intuitive onboarding and login interfaces for a fitness mobile application using Figma.
- Applied UI/UX principles and implemented effective user flows, leveraging Figma tools such as components, auto-layout, and prototyping to enhance user engagement and navigation experience.

#### FAKE NEWS DETECTION USING ML

- Developed a machine learning model to classify news articles as real or fake using the Naive Bayes algorithm.
- Implemented data preprocessing techniques, feature extraction (TF-IDF), and trained the model to effectively detect misinformation based on textual content.

### CERTIFICATION

- Programming Languages: Python, C, C++, Java
- Skill rack: Python, C and SQL
- Data Science training completion certificate from acme grade
- Basic AI and ML certificates on models and workflow

### CONTACT

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### EDUCATION

- B.TECH ARTIFICIAL INTELLIGENCE & DATA SCIENCE 3<sup>rd</sup> year -**  
Rajalakshmi Institute of Technology 2023-present  
cgpa-8.7  
expected graduation-2027
- ROSARY MATRIC HR SEC SCHOOL -** Higher Secondary Education- 2023

### SKILLS

- Programming Languages: Python, C, C++, HTML, CSS
- Data analytics: Power BI, Excel
- SQL: MySQL
- UI/UX Designing: Figma

#### SOFT SKILLS

- Strong Communication Skills
- Team Player
- Good Leadership Abilities
- Time Management
- Problem Solving

### LANGUAGES

- English (Fluent)
- Tamil (Fluent)
- French (Basic)