

Revathi Chalamala

Python Developer | AI & ML Enthusiast

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Github: <https://github.com/Chalamala-Revathi>

📍 Nuzvid, India

SUMMARY

Aspiring Python Developer and AI-ML Enthusiast with a strong academic background in Artificial Intelligence and Data Science. Proficient in Python programming, data analysis, and machine learning model development, with hands-on experience in building predictive systems and web-based applications. Skilled in NumPy, Pandas, Scikit-learn, with knowledge of deep learning fundamentals. Passionate about developing data-driven solutions and contributing to innovative AI-powered projects while continuously enhancing technical expertise.

SKILLS

Programming Languages: Python, Basics of C and Java

Artificial Intelligence : AI Fundamentals, Neural Networks (ANN, CNN Basics)

Data Science & Analysis: NumPy, Pandas, Data Cleaning, Exploratory Data Analysis (EDA) : Advanced

Machine Learning: Regression, Classification, Clustering, Model Evaluation

Data Analysis: NumPy, Pandas, Data Cleaning, EDA

Databases: SQL, MySQL, SQLite

AI / ML Tools: Scikit-learn, TensorFlow, Keras, OpenCV (Basics), NLP Libraries (Basics)

Data Visualization: Matplotlib, Seaborn, Plotly

Tools: Jupyter Notebook, Google Colab, VS Code, Git, GitHub, MySQL Workbench

Other skills--Frontend: HTML, CSS, JavaScript and PowerBI desktop

EDUCATIONS

B.Tech

Usha Rama College Of Engineering And Technol-Telaprolu, India | September 2022 – April 2026
ogy, JNTU, Kakinada

- Percentage - 88% (CGPA-9.65)

Intermediate

Sri Vagdevi Junior College

Nuzvid | 2020 – 2022

- Percentage - 93%

SSC

Sri Gauthami High School

Nuzvid | 2019 – 2020

- Percentage - 98%

CERTIFICATIONS

Introduction To Industry 4.0 And Industrial Internet Of things by NPTEL SWAYAM

NPTEL SWAYAM

Cyber Security and Privacy by NPTEL SWAYAM

Python for Beginners: Learn Python Programming (Python 3) by Infosys Spring board

Introduction to Data Analyst by Data Flair (Jan 2026)

AWS Academy Machine Learning Foundations(2024) by AWS Academy

Introduction to Cyber Security by VOIS.

Introduction to MongoDB for Students.

PROJECTS

Smart Health Risk Predictor System

December 2025

Team Lead

- Machine Learning project which is taken input from the user and predict disease risk through the interactive dashboards using streamlit.
- Developed a Smart Health Risk Predictor System using machine learning to predict health risks based on medical and lifestyle data.
- Enabled early disease detection and supported preventive healthcare initiatives.
- Engineered the system to provide quick and accurate risk predictions using trained ML models.

Responsive Personal Portfolio Website

March 2024

Link:<https://github.com/Chalamala-Revathi/personal-portfolio.git>

- It is a Portfolio Website created by using Frontend Technologies.
- Designed and deployed a fully responsive personal website using HTML, CSS, and JavaScript.
- Showcased academic background, technical skills, and project portfolio.
- Optimized the website for both mobile and desktop viewing.

Student Management System

September 2024

Link:<https://github.com/Chalamala-Revathi/STD-repository.git>

- Engineered a web-based application using Flask and SQLite to manage student records.
- Integrated user authentication and CRUD operations to streamline administrative tasks.
- Implemented dynamic search functionality for enhanced data management.

AWARDS

First Prize in Literary Maze competition conducted at URCET during 1st year

2022

Awarded Third Prize in Cryptic Crossword competition at URCET in 3rd year

Awarded Silver Medal for Academic Excellence in recognition of outstanding academic performance.

INTERNSHIPS

AI-ML Intern

AICTE Virtual Internship ↗

Virtual | September 2023 - November 2023

- Learned machine learning algorithms and artificial intelligence concepts.
- Built predictive models using Python programming language.
- Performed exploratory data analysis and data preprocessing.
- Completed project-based assessments.

Data Engineering Intern

AICTE Virtual Internship ↗

Virtual | April 2024 - June 2024

Government-recognized virtual internship program providing industry-oriented training in data engineering, big data processing, and data pipeline development.

- Learned Data Engineering fundamentals and ETL processes.
- Performed data cleaning and transformation on structured datasets.
- Worked with various databases to manage and query data.
- Completed multiple hands-on project assignments to apply technical skills.

VOLUNTEERING EXPERIENCES

•Successfully Coordinated the Literary Maze, an English Event 2024

SOFT SKILLS

Quick learning and adaptability

Creative thinking and decision making

Initiator and Leadership Qualities

Ability to work together