

Amrutha K

Python Developer

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SUMMARY

Detail-oriented **Information Technology Graduate and Python Developer** with hands-on experience in **machine learning, data analytics, and web application development**. Proficient in **Python, Flask, Scikit-learn, and TensorFlow**, with proven ability to **develop, train, and deploy predictive models**. Strong **problem-solving, analytical thinking, and collaboration** skills. Actively seeking an **entry-level Python Developer or Data Analyst** role.

EDUCATION

Government Engineering College, Sreekrishnapuram

B.Tech in Information Technology

Palakkad, Kerala

2020 – 2025

- CGPA: 7.04 / 10

Govt Higher Secondary School

Higher Secondary Certificate (HSC)

Palakkad, Kerala

2018 – 2020

- Percentage: 91.25%

TECHNICAL SKILLS

- **Programming:** Python, C
- **Machine Learning:** Classification, Ensemble Methods, Deep Learning
- **Data Analytics:** Data Cleaning, Feature Engineering, Model Evaluation
- **Web Development:** Flask, HTML, CSS
- **Tools & Libraries:** Scikit-learn, TensorFlow, Pandas, NumPy
- **Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Time Management

PROJECTS

Pneumo-Guard – Web-Based Pneumonia Detection System

2024

- **Tools Used:** Python, TensorFlow, Flask, DenseNet-169
- Designed and deployed a deep learning web app achieving **95.32% validation accuracy**.

Bank Churn Prediction System

2025

- **Tools Used:** Python, Scikit-learn, Random Forest, AdaBoost, SVM
- Built and evaluated ML models to predict customer churn and improve retention strategies.

CERTIFICATIONS & ACHIEVEMENTS

- **AI-Driven Python Programming (Pursuing)**
Certificate from **Illinois Institute of Technology (Illinois Tech), USA**; Python programming with Django - **Entrti ,NSDC**.
- First Runner-Up in **Eureka'22**, national-level innovation competition.