

A. SHIVA KEERTHANA

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PROFESSIONAL SUMMARY

Aspiring Software Engineer skilled in Java, Python, and SQL, aiming to build scalable, high-quality software in a growth-driven company. Strong in problem-solving, eager to learn, and thrive in Agile teams.

SKILLS

Python, Java, Object-Oriented Programming (OOPS), HTML, CSS, SQL, Data analysis, Machine learning, Tableau, Excel, Communication, Problem-Solving, Time Management, Decision-Making, Adaptability and flexibility, Teamwork and collaboration, Technical proficiency (MS Office, Google Suite)

WORK EXPERIENCE

Data Science Intern

Teachnook

Apr 2024 - Jun 2024

Worked on Project (Customer Churn Prediction Using Machine Learning)

- Built churn prediction model with Logistic Regression, Random Forest, and XGBoost using SMOTE for imbalance.
- Used Python, Scikit-learn, Pandas, and Matplotlib for EDA, feature selection, and evaluation.

EDUCATION

Bachelor of Technology in Computer Science and Engineering.

CGPA: 8.73

Anurag University, Hyderabad, Telangana

Sep 2021 - Mar 2025

Intermediate

Percentage: 88

Sri Chaitanya Junior College, Hyderabad, Telangana

Jun 2019 - May 2021

PROJECTS

Sentiment Analysis on Telangana State Elections

Apr 2023 - May 2023

- Built an NLP-based model to analyze and classify public sentiment from social media during TS elections.
- Applied sentiment classification, text preprocessing, and data visualization to track real-time political trends.

Book Recommendation System

- Developed a personalized recommendation system using collaborative filtering and content-based filtering techniques.
- Integrated user preferences and rating data, applying machine learning algorithms to improve accuracy and scalability.

Product Quality Assessment via Customer Reviews

- Developed a web application using NLP-based sentiment analysis to evaluate product quality from customer reviews.
- Visualized sentiment trends and ratings through an intuitive interface to support user decision-making.

CERTIFICATIONS & ACHIEVEMENTS

- Google Data Analytics Professional Certificate - Coursera
- Data Visualization with tableau – Infosys
- Secured 4 th place in college hackathon conducted by Brainovision at MLRIT College, Hyderabad

LANGUAGES

English

Highly Proficient

Telugu

Highly Proficient

Hindi

Fluent