

Thumpudi Vishnu

B.E/B.Tech
Bioinformatics
Sastra University, Thanjavur

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CAREER OBJECTIVE

I am an individual with a strong passion for computer science, seeking a role in an esteemed organization to utilize my skills for its growth and develop my career.

EDUCATION

• **SASTRA UNIVESITY, THANJAVUR** 2020 - 2024
B.Tech in Bioinformatics (Currently Pursuing) CGPA : 7.58

PROJECTS

- **File Sharing Web Application** July 2023 - Dec 2023
Technology Used: Javascript, HTML, CSS, MongoDB, Express, Node
 - Developed a user-friendly web platform for efficient file sharing, incorporating secure authentication and seamless upload/download features which a scalable cloud-based solution for file hosting and sharing, emphasizing efficiency and accessibility to meet diverse user needs. Engineered a sophisticated web application with file versioning, access controls, and real-time collaboration.
 - Link to view source code
- **Movie Recommendation System using Boltzmann Machine** May 2023 - June 2023
Technology Used : Python, Deep Learning model using Pytorch, Restricted Boltzmann Machine
 - Implemented a movie recommendation system leveraging Boltzmann Machine, utilizing deep learning techniques for personalized and accurate suggestions. And by employing Boltzmann Machine to analyze user preferences and provide tailored movie suggestions.
 - Link to source code
- **Weather Application for Android** March 2023 - April 2023
Technology Used : Kotlin, OpenAPI
 - Developed an intuitive Android weather app with a modern interface, featuring dynamic animations for enhanced user experience. And Integrated a robust weather API for real-time updates, ensuring accurate and timely weather information retrieval.
 - Implemented geolocation services and customization features for personalized weather data based on user preferences.
 - Link to source code

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++ , Python, Java, Javascript, HTML+CSS, SQL
Developer Tools: Visual Studio Code, Git & GitHub, Android Studio
Frameworks: React, Node, Express, Django
Cloud/Databases: Docker, Kubernetes, AWS, Azure
Soft Skills: Time Management, Team Work, Effective Communication, Adaptability
Coursework: Database Management System, Data Structures and Algorithms, Machine Learning Techniques, Deep Learning for Bioinformatics, Web Technologies, Linux and Perl
Areas of Interest: Software Engineering & Development, Innovation

CERTIFICATIONS

- **Completed Agile Methodology** Virtual Experience Program with Cognizant. Oct 2023
- **Achieved Microsoft Azure Fundamentals** Course certification from LinkedIn Learning. Feb 2023
- **Completed Software Engineering** Virtual Experience Programme with Goldman Sachs. April 2023

POSITIONS OF RESPONSIBILITY

- **Team Member** Daksh Workshops Team Oct 2022 - Present
- **Club Member** Microsoft Reactor Oct 2021 - Dec 2022

ACHIEVEMENTS

- **Achieved 197th Rank** in SCP Competition with 1497 people conducted by Kaggle Sep 2023 - Nov 2023
- **Solved 400+ Problems on DSA** in Leetcode, Geeks for Geeks, Coding Ninjas April 2023 - Present
- **Scored 2nd Rank** in overall Bioinformatics in College till 7th semester with 7.58 GPA