

Vishnu Vardhan Kosuru

Software Engineer

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PROFILE

Aspiring Software Engineer with a solid proficiency in Python, SQL, C++, and UI Design. Known for effective communication, nurturing collaboration, and adapting swiftly to dynamic environments. Eager to commence my professional journey and positively impact the technology industry.

EDUCATION

Bachelor of Technology

Computer Science and Engineering

Amrita Vishwa Vidyapeetham, Kollam, Kerala

3rd Year, CGPA: 7.97

Intermediate Education

Vijayawada, Andhra Pradesh

Narayana Junior College, Amaravathi N120

Percentage: 87%

High Schooling

Vijayawada, Andhra Pradesh

Narayana IIT Olympiad High School

GPA: 10/10

EXPERIENCE

AMMACHI Labs, Amritapuri, Kerala

Ongoing

Unity Game Developer [Intern]

- Analyzed data related to **game development** in Unity and worked on implementing empathy recognition in users
- Utilized skills in Python, Unity and **data analysis** techniques to extract insights and enhance user experience
- Created **Interactive Forms** within the Game Scenes and generated **data reports** from the forms

Mobalytics

May -June, 2024

Mobalytics Remote [Extern]

- Familiarized with **Mobalytics vision, mission, and work**.
- Conducted deep dive analysis into chosen game genre, exploring **game mechanisms, KPIs**, revenue models, and player psychology
- Summarized research and delivered a presentation highlighting key takeaways and market expansion opportunities

Accenture, North America

April, 2024

[Data Analytics and Visualization Job Simulation] on Forage

- Completed a **simulation** focused on advising a hypothetical social media client as a **Data Analyst at Accenture**
- Cleaned, modelled, and analyzed 7 datasets to **uncover insights** into content trends to inform strategic decisions
- Prepared a PowerPoint deck and **video presentation to communicate key insights for the client and internal stakeholders**

PROJECTS

Bam Chatbot using Gemini API - (2024)

- Developed a personalized chatbot named Bam using the **Gemini API** for natural language processing and content generation
- Integrated voice interaction capabilities using **gTTS** (Google Text-to-Speech) for interactive user experience

Facelog: Automated Attendance Tracking System - (2024)

- Implemented face detection for attendance using **deep learning**, utilizing the **MobileNetV2** architecture
- Incorporated hyperparameter tuning and data augmentation techniques to enhance model accuracy and robustness

Machine Learning for Autism Diagnosis Across Age Groups - (2024)

- Developed a machine learning model based on **KNN** to diagnose autism across different age groups
- Utilized a short 10-question questionnaire for diagnosis

TECHNICAL SKILLS

Languages: C++, Python, SQL, Bash

Software Tools: Jupyter Notebook, Visual Studio Code, Terminal, PostgreSQL, Unity, AutoCAD, MongoDB, Hadoop

Operating Systems: Windows, macOS, Linux

SOFT SKILLS

Good Communication Skills, Presentation Skills, Exceptional Organizational Skills

COMMUNITY OUTREACH

Team Leader- Workshop on C++ (SSR project) (2023)

- Guided and mentored a group of 60 students during a workshop on C++, demonstrating effective **leadership** and **communication skills**
- Managed a team of 7 members, strengthen **collaboration** and **teamwork** to ensure the smooth execution of the workshop

Volunteer - Amrita Sree Seva Help-Groups - Ayudh Club (2022)

- Actively participated in a community service program and portrayed good team player abilities.
- Successfully managed a large group of people, along with my fellow volunteers, ensuring to follow required instructions

CERTIFICATIONS

Certified **Google Data Analyst** (2024)

Certified **Unity Game Developer** (2023)

Certified 3rd position for **Hindi Essay Writing Competition** (2023)

COURSES

Foundations of Digital Marketing and E-Commerce (Coursera) (2024)

- Explored **fundamental concepts** of digital marketing including social media marketing.
- Learned strategies for effective e-commerce implementation and management.

Google Data Analytics (Coursera) (2023)

- Mastered **data analysis** techniques using Google's suite of analytics tools.
- Gained proficiency in **data visualization** and interpretation for informed decision-making.

Getting Started to Enterprise Data Science (IBM) (2023)

- Explored **foundational concepts** of enterprise-level data science projects.
- Learned **best practices** for data collection, preprocessing, and analysis in business contexts.

AREAS OF INTEREST

UI/UX Designing

Content Generation

Tech enthusiast

LANGUAGES

Telugu: Native

English: Fluent

Hindi: Intermediate