

Ayush Upadhyay

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SUMMARY

MY SELF AYUSH UPADHYAY, CURRENTLY PURSUING A MASTER'S IN COMPUTER SCIENCE AT THE ILLINOIS INSTITUTE OF TECHNOLOGY, I AM PASSIONATE ABOUT EMERGING TECHNOLOGIES, INCLUDING BUSINESS ANALYSIS, PROJECT MANAGEMENT, DATA VISUALIZATION, AND PROMPT ENGINEERING. WITH TWO IMPACTFUL INTERNSHIPS, I SHOWCASED WEB DEVELOPMENT SKILLS AT ITMAKERZ AND APPLIED ANALYTICAL TECHNIQUES AS A DATA SCIENCE INTERN, DEMONSTRATING VERSATILITY. PROFICIENT IN PYTHON AND R. I ALSO HAVE STRONG INTERPERSONAL SKILLS, ENCOMPASSING EFFECTIVE COMMUNICATION, LEADERSHIP, TEAMWORK, AND QUICK LEARNING APTITUDE. MY AGILITY, TIME MANAGEMENT, AND PRESENTATION SKILLS CONTRIBUTE TO MY WELL-ROUNDED PROFESSIONAL PROFILE.

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY

Master's in Computer Science

Chicago, Illinois

AUGUST 2023 - Present

CHARUSAT UNIVERSITY

B.Tech. Computer Science & Engineering

Gujarat, India

NOVEMBER 2020 – May 2023

PARUL UNIVERSITY

Diploma in Computer Engineering

Gujarat, India

MAY 2017 – October 2020

PROFESSIONAL EXPERIENCE

KINTU DESIGN

Data Science Intern

SURAT, Gujarat

December 2022- May 2023

- Build a machine learning model called "sign language detection" in a team of 3 interns.
- We used technologies like Keras, TensorFlow, Machine Learning, and Python as a programming language.
- It is mostly concerned for deaf people. It scans human hand gestures and, using machine learning-algorithms, identifies which sign the user intends to speak.

ITMAKERZ SOLUTIONS

Web Developer Intern.

AHMEDABAD, Gujarat

May 2022 – June 2022

- Built a fully functional web-based video conferencing app with integrated screen share and chat features in a team of 3 interns.
- Implemented Firebase authentication to Sign Up/Log In using Google Account.
- Assisted in integrating chat functionalities from ChatEngine.IO by using its API.
- Used WebRTC and Socket.IO for real-time exchange of data, audio and video among participants in a conference call.
- Contributed to the new user interface that is expected to increase user retention by 20 percent.

COURSES AND PUBLICATION

- Research Paper
Sign Language Detection using Keras and TensorFlow (Machine Learning),
Published in **Springer Book Series** and **Research Paper**.
- Microsoft Student Ambassador.
- IBM Certified Big data course.
- Python Essential - University of Michigan

SKILLS

Technical skills: C, C++, Product Marketing, Project Management, SQL, Python, R, Machine Learning, Marketing Analysis, Project Planning, Agile Methodology, Scrum, Data Science, Business Analytics, Data Interpretation, Business Control, Project Management, Product Requirement, Project Documentation, Power BI, Market Research, Quality Assurance.

Interpersonal Skills: Ability to learn quickly, Time Management, Flexibility and Adaptability, Teamwork, Communication, Critical Thinking, Team lead, Presentation, Critical Thinking.