Arvind Agarwal

Learner

Innovative Software Engineering Student with a passion for problem-solving and a knack for transforming complex concepts into user-friendly applications.

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India

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EDUCATION

B-Tech Computer Science - AI & ML
Keshav Memorial institute of Technology
06/2021 - 06/2025

Intermediate
Narayana Junior College
06/2019 - 06/2021   *9.48*

Courses
- Maths
- Chemistry
- Computer Applications
- Physics
- English

High School - ICSE
The Hyderabad Public School
06/2019   *90%*

Courses
- Maths
- Chemistry
- English
- Physics
- Computer Application
- Biology

WORK EXPERIENCE

Tutor
Self
09/2022 - 03/2023   *Hyderabad*

Achievements/Tasks
- Provided guidance and tutoring to high school students with the aim of enhancing their comprehension of subjects including Logic, Mathematics, Physics, and Chemistry
- Acquired the ability to assume accountability for my decisions and my teaching philosophy.
- Enhanced my communication abilities through interactions with individuals of varying age ranges

Teaching Assistant
IFS - Genesis
02/2022 - 04/2022   *Hyderabad*

Achievements/Tasks
- Assisted new staff members at Zensar Technology (Los Angeles) in enhancing their proficiency in Python programming.
- Engaged in my inaugural technical internship, acquiring international exposure in the process.

Specialist
CodeOfFun
07/2021 - 09/2021

Achievements/Tasks
- Offered solutions to a multitude of online inquiries and challenges pertaining to Physics and Mathematics, which were posted on diverse educational platforms.
- Resolved questions of competitive difficulty and provided online explanations to fellow students.

SKILLS

Java   Python   Java Script   Problem Solving   Management

PERSONAL PROJECTS

Word Search
- Build a GUI supported python project (consisting of 5000+ words), that improved my problem understanding skill and also gave me a better understanding of python language.
- This project also displays the meanings of words found in the puzzle, to add a learning element for the user.

Aadaan Pradhan- MERN project
- MERN website for students to book laboratory around them to perform lab activities.

Brain Tumour Segmentation
- Mobile Based Application to Segment Brain Tumour using CT-Scan.
- Deep Learning Model-UNET is trained to segment tumour and deployed using flask API and AWS, accessible on a Flutter Application.

Voice Based Personal Assistant - LYRA
- Lyra is a desktop application that understand user queries spoken to them, and fetches the response, speaks it out and displays in a Chat-message interface.
- This project has deepened my comprehension of Application Programming Interfaces (APIs), Graphical User Interfaces (GUIs), Natural Language Processing (NLP), and the management of media resources.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Limited Working Proficiency

INTERESTS

Coding   Sports   Music   Experimenting

Public Speaking