Chandan V

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Career Objective

Pursuing **M.Tech in Data Science** with expertise in **Python**, **machine learning**, and **TensorFlow**. Eager to apply advanced academic knowledge to solve real-world problems and create impactful solutions. Committed to continuous learning and contributing to innovative data-driven projects.

Education

- **Manipal Institute of Technology** — Manipal, Karnataka
  Master of Technology in Data Science; CGPA:8.7 — *July 2024 – August 2026*
- **Nitte Meenakshi Institute of Technology** — Bengaluru, India
  Bachelor of Engineering in Information Science; CGPA: 8.74 — *Dec 2020 – May 2024*
- **Christ Junior College** — Bengaluru, India
  Pre-University Education; percentage: 90.16 — *June 2018 – March 2020*
- **Swamy Vivekananda High School** — Bengaluru, India
  High School Education(SSLC); percentage: 94.88 — *June 2017 – March 2018*

Projects

- **Lip Reading with 3D Convolutional and Bidirectional LSTM Networks on the GRID Corpus**: **TensorFlow, Python. Team Size: 3**
  Developed an end-to-end lip reading system that leverages 3D convolutional layers and bidirectional LSTMs to decode spoken text from video sequences of lip movements. The system aims to enhance communication accessibility for individuals with hearing impairments and enable interaction in noisy environments.
  - **Achieved a Character Error Rate (CER) of 1.54% and a Word Error Rate (WER) of 7.96% on benchmark datasets**:
  - **Awarded Best Paper Presenter at the 2nd IEEE International Conference on Networks, Multimedia, and Information Technology (NMITCON)**:
- **Voice Controlled Bumper Car**: **Robotics, NXT brick, Sound and touch sensors, RoboC language. Team Size: Four**
  The voice-controlled bumper car project leverages touch and sound sensors to enable precise and responsive control of the car's movement. The system is designed to operate seamlessly through voice commands, effectively responding to touch and sound signals.
- **Hire-Me: Job Recruitment System**: **Python, Tkinter, MySQL. Team Size: 2**
  The Hire-Me project simplifies the recruitment process by providing recruiters with tools to manage job postings and track applications, while allowing clients to explore and apply for opportunities effortlessly.

Skills

- **Programming Languages**: Python, Java, C++
- **Database Management & Query Languages**: Database Management System (DBMS), MySQL, Basics of PLSQL, Basics of MongoDB
- **Technical Skills**: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Exploratory Data Analysis (EDA), Excel
- **Frameworks & Libraries**: TensorFlow

Links

- **LinkedIn**: linkedin.com/in/chandan-v-a5774b253
- **GeeksforGeeks Coding Profile**: auth.geeksforgeeks.org/user/chandanvijaykumar26
- **LeetCode Profile**: leetcode.com/Chandan_V26/
- **Research Paper (IEEE)**: DOI: 10.1109/NMITCON62075.2024.10699241

Certifications

- **Python for Data Science and ML (Udemy)**: Certificate Link
- **Joy of Computing Using Python (NPTEL)**: Certificate Link
- **Java Programming Fundamentals (Infosys Springboard)**: Certificate Link
- **Google Cloud Fundamentals**: Certificate Link

Workshops and Training

- **Machine Learning Workshop on Sentiment Analysis**
  Conducted by: VARCONS TECHNOLOGY Pvt Ltd **August 2023 – September 2023**
  Gained hands-on experience in sentiment analysis of lockdown experiences in India during COVID-19. Designed and tested a Machine Learning model specifically for sentiment analysis.

Leadership and Involvement

- **Member at IEEE NMIT Robotics Student Branch**: Actively participated in LEGO Mindstorms Training.
- **Social Media Lead for Cloudzilla Club**: A student-led tech club at NMIT, where I managed the club's online presence and engagement.

Hobbies and Interests

- Playing chess
- Coding