Chebolu Durga Venkata Siva Prasad

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EDUCATION

Degree	Specialization	Institute	Year	CPI
B.Tech	*Electronics & Communication Engineering and minors in Computer Science and Engineering*	Acharya Nagarjuna University	2020-24	8.59
HSC BIEAP	*Physics, Chemistry, & Mathematics*	Sri Chaitanya Junior College	2020	9.7
SSC	-	Sri Aditya Vidyalayam	2018	9.5

WORK EXPERIENCE (Internships)

- **AI/ML Developer** *[Brain O Vision, Hyderabad]*   *Jun 2024 – Present*
  - Designed and implemented machine learning models for classification and prediction tasks using Python, scikit-learn, and TensorFlow.
  - Preprocessed large datasets, performed feature engineering, and trained ML pipelines for real-world applications in computer vision and NLP.
  - Deployed ML models into web applications using Django REST framework and ensured seamless API integration with frontend interfaces.

- **Web Developer Intern** *[Brain O Vision]*   *May – Jun 2022*
  - **Coordinated in a team of four:** Worked with a team of four to design, develop, and deploy web applications, ensuring seamless user experiences.
  - **Developed a Website:** Utilized HTML, CSS, and JavaScript to create responsive and visually appealing websites. Enhanced design using CSS frameworks like Bootstrap.
  - **Completed a full-scale website project:** Delivered a website for a construction company with dynamic content management, user authentication, and interactive features.

TECHNICAL SKILLS

- **Languages:** Python, C, Java, HTML, CSS, JavaScript, MySQL.
- **Software and Frameworks:** Django, Django REST Framework, TensorFlow, scikit-learn.

PROJECTS

- **UAV Urban Area Object Detection and Classification**
  - Developed a UAV-based object detection and classification system using a **Convolutional Neural Network (CNN) architecture**.
  - Integrated GoogleNet for feature extraction and employed the Adam optimizer for model optimization. Pre-processed high-resolution aerial imagery data for training, achieving efficient **detection of urban objects like vehicles and buildings**.
  - Built a **Computational Neural Network (CNN) model** for UAV object detection and achieved 90% accuracy.

- **Clinicals App** | *Python, Django, MySQL*   *GitHub* (Aug 2024)
  - Developed a web-based application using **Python** and **Django** to track patient health metrics over time.
  - Integrated **MySQL** for efficient storage and developed an application that can create a patient, update patient details, and analyze the data.
  - After analyzing the patient data, it shows the recent clinical data of the patient like blood pressure, height, and weight, etc.

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured **first position in an academic exhibition** for the Smart Dustbin Project, showcasing innovative waste management solutions.
- **Captained a team** in the **Cricket League** 2023 and bagged **runners-up position out of eight teams**.

POSITIONS OF RESPONSIBILITY

- **Volunteered at a job fair** organized by the Government of Andhra Pradesh at Acharya Nagarjuna University.
- **Gully Team Cricket Captain** and led a local team, managing strategy, performance analysis, and fostering teamwork for effective collaboration.