

## Yetendriya Lamani Kodidasu

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### FUNCTIONAL AREAS

- Database Management.
- Data Visualization.
- Data analysis
- Dashboard building.
- Business domain knowledge.
- Machine learning Algorithms.

### TECHNICAL SKILLS

- **SQL** – Aggregates, joins, queries, frequency table, Conditional Sub setting.
- **HTML & CSS** – Basic Structure, Elements & tags, Attributes, lists, tables, forms.
- **Python** – Deep learning, Data visualization, ML Algorithms, Pandas, NumPy, other libraries.
- **Power BI** – Visualization, Data insights and storytelling, ETL.
- **R Language** – Testing of hypothesis, Data analysis, Model building, Data Visualization.
- **C language** – Basics of concepts and syntax, ability to write basic code

### EXPERIENCE

#### AutonoPros, Hyderabad, India

##### ❖ Data Scientist Intern

July 2024 – Oct 2024

- Streamlined data gathering processes, resulting in a 20% reduction in collection time across multiple projects.
- Developed machine learning models, improving prediction accuracy by 15%.
- Designed and delivered interactive dashboards that increased decision-making efficiency by 25%.

#### HMI Engineering Services, Andhra Pradesh, India

##### ❖ Python Developer Intern

May 2023 – July 2023

- Enhanced core concepts of Django, Flask, and machine learning algorithms, enhancing full-stack development and deployment skills.
- Refined a salary prediction model using advanced machine learning techniques, achieving a high accuracy rate.

#### Teach nook E- Learning Platform, Andhra Pradesh India

Oct 2022 – Nov 2022

##### ❖ AI Intern

- Mastered Python programming and its key libraries, enhancing proficiency in software development and data analysis applications.
- Produced a diabetes prediction project using machine learning techniques, demonstrating application of Python skills to solve health problems.

### EDUCATION

#### Bachelor of Technology [B. Tech] [Computer Science - AI & ML]

July 2021 – Apr 2025

- GVP College of Engineering for Women, Andhra Pradesh [ 7.5 / 10.0 CGPA] [First Class]

### PROFESSIONAL CERTIFICATES

- IBM Introduction to Data analytics.
- Microsoft Certified Azure Data Scientist Associate.

## PROJECTS

### PREVENTION AND DETECTION OF DDO'S ATTACK BY USING ENSEMBLE TECHNIQUES

- Implemented an ensemble framework combining machine learning algorithms, statistical methods, and network-based approaches, increasing the system's robustness against DDoS attacks by 40%.
- Achieved a high detection rate with minimal false positives, improving the accuracy and efficiency of DDoS attack detection by 25%.
- Enhanced network security by integrating diverse prevention and detection strategies, resulting in a more adaptive and resilient defense system.
- Contributed to future cybersecurity advancements by demonstrating the effectiveness of ensemble techniques in mitigating evolving DDoS threats, setting the stage for more comprehensive defense mechanisms.

### IMAGE CAPTIONING USING LTSM

- Designed a VGG16-LSTM hybrid model, successfully integrating computer vision and natural language processing techniques for image captioning.
- Extracted deep visual features using a modified VGG16 architecture, enhancing the model's ability to capture rich semantic information from images.
- Generated coherent and contextually relevant captions using LSTM networks, demonstrating the system's capability to produce grammatically correct descriptions.
- Established a framework for future enhancements, paving the way for incorporating advanced techniques like attention mechanisms and Transformer-based architectures.

## ACHIEVEMENTS

- Completed the PWC Salesforce Launchpad program, enhancing expertise in IT fundamentals, RDBMS, programming and Salesforce tools.
- Led 5 Machine Learning Sessions and events for Students in College.
- Google Developer Student club Core team member and act as a ML practitioner of GVPCEW(2023 – 2024).
- Shortlisted for Grand Finale of Smart India Hackathon 2023.