SRI SAI PHANI VENKAT DASARI

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• [Website](#) • [GitHub Profile](#) • [LinkedIn Profile](#)

EDUCATION

University of Massachusetts Amherst
Master of Science, Data Analytics and Computational Social Science   *Expected May 2026*
Coursework: Data Science Fundamentals, Introduction to Quantitative Analysis, Data Engineering, etc.

Gandhi Institute of Technology and Management (GITAM)
Bachelor of Technology, Computer Science and Engineering   *June, 2023*

EXPERIENCE

SOUTH CENTRAL RAILWAY – BHARAT SCOUTS & GUIDES   *Rajahmundry, Andhra Pradesh*
Technical Assistant   *January – June, 2024*
- Generated reports with added data visualization to help stakeholders in decision-making, resulting in an increase of member count by 125% within 3 months.
- Created, managed and updated more than 500 member profiles and members data.
- Coordinated cultural events, social and adventure programmes, in collaboration with Indian railways, public offices, schools and local clubs

TATA ELXSI   *Trivandrum, Kerala*
Engineer Intern   *February – June, 2023*
- Researched embedded product engineering & networking concepts in automotive design, reported to manager and team members with daily presentations.
- Designed and developed a responsive user interface for a resume parsing application which aims to improve the efficiency of HR and project management teams.

SKILLS

- *Programming Languages:* **Python, R, C++, JavaScript, HTML, CSS**
- *Tools & Technologies:* **Scikit-learn, BeautifulSoup, Node Js, React Js, Express Js, Flask, Postman**
- *Databases:* **MySQL, MongoDB**
- *Topics:* **Problem solving, Machine Learning, Data Science, Data Visualization, Web Applications, Database Management Systems**

PROJECTS

[**Phishing Detection using Machine Learning**](#)
The project was initiated with the identification and collection of data from various sources using web scraping and calling APIs. That led through feature engineering and a comparative study on classification algorithms by model assessment and validation to build a robust design for detecting phishing websites based on the URL. The final model was deployed into the web application, making it available to the end-users.

[**Project Gforum**](#)
A forum web application created for my university, where each user can maintain his/her individual account and interact by posting their thoughts, pictures, etc. The server was built in the Node environment using Express, enabling it to perform CRUD operations efficiently. MongoDB was the database management system and the UI was developed using React.

PUBLICATIONS

Sri Sai Phani Venkat Dasari, Dr. Nitalaksheswara Rao Kolukula."Improved Phishing Detection using Ensemble Models in Machine Learning", Volume 11, Issue VIII, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 1912-1916, ISSN : 2321-9653

S. S. P. Naresh, R. Talasu, **D. S. S. P. Venkat**, S. K. Korada and B. K. Mohanta, "Real Time Vehicle Tracking using YOLO Algorithm," 2023 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-5, doi: 10.1109/ICCCNT56998.2023.10307265.

UNDERSTANDING THE WORKING OF XGBOOST ALGORITHM IN CLASSIFICATION PROBLEMS (article posted on LinkedIn)

CERTIFICATIONS

- Machine Learning with Python by IBM
- Introduction to Artificial Intelligence by IBM
- Software Development Processes and Methodologies by University of Minnesota
- Technical Support Fundamentals by Google

ACHIEVEMENTS AND EXTRACURRICULARS

- Secured an All India Rank (AIR) of 20 in National Engineering Olympiad 6.0.
- Represented Hex Esports, Minus 40 Club and other organizations in PUBG MOBILE tournaments as an academic esports athlete and was a finalist in 4 tournaments.
- Actively participated in the activities and events conducted by The Bharat Scouts and Guides(scouting organization of India) which helped me develop life skills.

HOBBIES
Gaming, Cooking, Photography, Travelling

LANGUAGES
English, Hindi, Telugu