V S S Raghu Rama Uday Kiran Yaddanapudi

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Profile

Data Analyst with expertise in Machine Learning, AI, Data Analysis, and Cloud Computing. Proficient in Python, SQL, Power BI, AWS, and Machine Learning to drive insights and improve business outcomes. Passionate about leveraging AI and data-driven solutions in dynamic, collaborative environments.

Education

Master's in Data Science and AI, *Chalmers University* 08/2023 – present
Courses Taken: Data Science and AI, Design of AI Systems, Applied Machine Learning Göteborg, Sweden

Bachelor's in Computer Science Engineering, *GITAM University* 06/2019 – 04/2023
Hyderabad, India

- Led NLP & Healthcare projects, dealt with Data analytics, software development & cloud computing, showcasing leadership & Innovative expertise.

Experience

AI Data Scientist, *YoHRs (Part Time)* 11/2024 – present
Gothenburg, Sweden

- Developed a course recommendation system, boosting course enrollment by 20%.
- Integrated three AI agents into the workflow, improving efficiency by 25%.
- Created an ML model to analyze user behavior, improving recommendations and reducing manual effort by 30%.

Research and Development Project Intern, *OrbitX India Aerospace* 05/2022 – 10/2022
Hyderabad, India

- Collected, stored, and analyzed data on reusable rockets, leading to a 15% increase in engine efficiency.
- Identified and implemented performance improvements, resulting in a 5% reduction in rocket weight and reduced overall costs.
- Converted traditional reports into Power BI solutions, boosting efficiency by 15%. Also, Validated data, enhancing analysis accuracy by 18%, and accelerating decision-making.

React Developer Intern, *Medibliss Transactions Pvt Ltd* 06/2022 – 09/2022
Hyderabad, India

- Enhanced user experience by developing React-based interfaces, boosting website performance by 10%.
- Coordinated with cross-functional teams throughout the development lifecycle, ensuring product alignment and reducing development delays by 20%.

Cloud Computing Intern, *WorkFall* 06/2022 – 07/2022
Hyderabad, India

- Optimized cloud scalability and performance by implementing AWS services like EC2 and S3, resulting in a 30% increase in system efficiency.
- Launched a Food Ordering Website with Angular JS on AWS, enhancing performance by 16% with secure payment and real-time tracking.
- Increased the functionality of the WorkFall website by 5% as a Front-End Developer, gaining hands-on experience with real-world web development practices.

Organizations

CHARM, *Logistics Host* 12/2023 – 02/2024
Gothenburg, Sweden

- Managed inventory and coordinated layout setup with carpets at CHARM, Chalmers Student Union's largest career fair, supporting 100+ companies and ensuring smooth event operations for Sweden's biggest study fair.

Languages

- English
- Swedish (Basic)

Skills

Technical Skills

- Proficient in C, Python, SQL & GIT.
- Knowledgeable in AWS (EC2, S3), Jira, POWER BI, MERN Stack, Machine Learning

Soft Skills

- Led projects, collaborated effectively, and drove measurable improvements.
- Able to manage multiple projects simultaneously.

Projects

Enhanced NLP Detection for Spam Email Detection. 12/2022 – 04/2023

- Designed and implemented two NLP models for phishing email detection: one using existing web data and another using over 10,000+ real student spam emails, resulting in improved detection accuracy and early adoption by college users.

Automatic Severity Classification of Diabetic Retinopathy using CNN. 07/2022 – 11/2022

- Formulated a CNN model for Diabetic Retinopathy prediction, adopted by 16 clinicians, resulting in better patient outcomes and accelerated treatment protocols.

Publications

COVID-19 Data Analytics using Hybrid ECNN and ERNN Techniques, *IEEE Explore*

A Proficient and Secure way of Transmission using Cryptography and Steganography, *IEEE Explore*

Design and Implementation of IoT-based Framework for Air Quality Sensing and Monitoring,
IEEE Explore

References

Available upon Request