Purushotham Parthy

OBJECTIVE

As a Data Scientist, I have had the opportunity to work on an array of complex and diverse technologies in my field. Owing to this, I have proudly developed my skills to research into any new topic, understand it, and build solutions that bring actual impact to the given problem and would continue to do so.

WORK EXPERIENCE

1. Virtusa   **Jan. 2021 – Present**
Data Scientist   *Hyderabad, India*

- As a data scientist, I have been responsible for finding solutions to real-world problems using machine learning algorithms. My expertise lies in utilizing data analysis to create models that can identify patterns and trends, and develop predictive models to aid in decision-making processes. In the following section, I outline three critical projects where my contribution played a vital role.
- MedTech Conference 2023, Anaheim, CA –
  - I played a key role in the development of a one-of-a-kind solution implementing cutting edge NLP technology – GenAI to aid medical research and analysis. This solution was then presented at the conference that demonstrated the organization's cutting-edge NLP capabilities to a broad audience.
- Johnson and Johnson (Tech Lead/Data Scientist)-
  - I was tasked with developing a short POC for analyzing Clinical Trials that J&J conducted and managed across the world.
  - As a tech lead, I combined diverse techniques in NLP including entity extraction, text preprocessing and extracting contextual similarity from clinical studies to extract key insights from the studies. Additionally, I was instrumental in shaping the architecture of an NLP project, ensuring its successful implementation.
- VLife (Data Scientist)-
  - As a result of my exceptional performance, I was chosen to be a part of Virtusa's Centre of Excellence team - vLife. Our focus was to develop cutting-edge ML solutions for healthcare. vLife has a suite of 300 plus solutions supporting companies such as J&J, Cigna etc.
  - Here, I developed multiple ML solutions in the domain of Medicine. Claims adjudication, Medical Entity Extraction, ColBERT are some of the prominent solutions that I built.

2.Zeptoh   **June. 2018 - July. 2018**
Internship   *Chennai, India*

- My core responsibilities were to develop and implement backend systems for web applications as a Java developer.

CONTACT

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SKILLS

- Data Preprocessing
- Machine Learning
- Natural Language Processing
- Deep Learning
- Hands on with few AWS Services

EDUCATION

VIT Vellore   *July, 2020*
Bachelor of Technology in Computer Science

- Published two research papers related to '*Cybersecurity in IoT Devices*' and '*Prevention of Social Engineering Attacks*' and presented them at the IEEE Conference in IIT Madras (2019).
- Actively selected elective courses like Artificial Intelligence, Image Processing, Soft Computing, Information Networks.
- Eagerly participated in hackathons and tech fests.

CERTIFICATIONS & INTERESTS

- **Certifications:** Multiple certifications from Coursera in the domain of Deep Learning, Machine Learning and Applied Data Science.
- **Interests:** Exercising; Reading; Geopolitics; Movies;