Param Kasana (He/Him)

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As a master's student specializing in Artificial Intelligence, I am deeply passionate about leveraging machine learning and data analytics to address practical challenges. With 1.4 years of robust work experience in the IT sector, primarily in software development and SDLC, I bring a strong commitment to applying ML techniques and algorithms for real-world problem-solving. I'm excited to contribute my innovative mindset to an internship where I can collaborate with a forward-thinking team and further advance AI solutions, aligning with my career goals and passion for innovation. My diverse work background equips me with a solid foundation in problem-solving, project management, and software development methodologies, which I believe will be advantageous in this dynamic AI setting.

Education

- Masters of Artificial Intelligence, RMIT Melbourne, Australia (July'23 – July'25)
- Bachelor of Technology Mechanical Engineering, Vellore Institute of Technology, India (July'17 – July'21)

Skills and Tools

- Data Mining, Visualization and Interpretation
- Data and Quantitative Analysis
- Predictive Modelling
- Natural Language Processing
- ML Model Development and Enhancement
- Feature engineering
- Python & IPython
- C#
- MS SQL
- Computer Aided Design
- QA Testing & Methodologies
- Agile Project Management
- Visual Studio Suite
- Gephi
- SolidWorks / ANSYS
- Adobe Premiere Pro
- Microsoft Office Suite
- SDLC

Relevant Projects

- **Recommendation Systems:** Designed and implemented recommendation algorithms, to improve user experiences in video streaming services.
- **Social Network Analysis:** Conducted extensive research on social network dynamics, studying network structure and identifying key influencers.
- **Sentiment Analysis and Topic Modelling:** Applied NLP for sentiment analysis and topic extraction from large datasets, aiding in user opinion insights and content categorization.

Professional Experience

Wipro Limited (March 2022 – June 2023)
Project Domain: Healthcare and Insurance
Responsibilities:

- Actively performed smoke, functional, regression and ad-hoc testing during different phases.
- Involved in creating and implementation of the various Test cases and Test scripts as per the business requirement.
- Reviewed Business requirements, IT Design documents and prepared Test Plans which involved various Test Cases for all assigned module/projects; Creating Test Plans and Test Strategy documents.
- Involved in defect reporting, defect tracking and defect reproducing.
- Developed SQL queries to extract data from the source tables as well as creating queries to update Production data.

Additional Experience: CodeCamp Instructor
I led coding camps in schools, teaching children programming and coding. I developed curriculum, mentored students, and created an engaging learning environment to ignite their passion for technology.

Mechanical Engineering Project

Designed, Analysed and Manufactured a Formula-style electric car bodywork design, executed a functional Drag Reduction System, and managed administrative, technical aspects, and project supervision to produce a fully operational electric race car (https://www.youtube.com/watch?v=9LXQcc2qiXI).