

Ria R Kulkarni

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Education

- PES University**, B. Tech in Computer Science and Engineering Dec 2021 – May 2025
- CGPA: 8.43/10 | 5x Recipient of the Distinction Award Scholarship | Awarded Prof. CNR Rao Scholarship
 - Relevant Coursework:** Data Analytics, Software Engineering, Machine Intelligence, Software Testing, Object-oriented Analysis & Design
- BASE PU College**, Grade XI - XII : 100% (II PUC) June 2019 – Aug 2021
- Venus International School**, Grade I - X : 97.2% (ICSE) June 2009 – Mar 2019

Experience

- Teaching Assistant**, PES University Jul 2024 – Present
- Assisted professors in teaching Software Engineering and Web Technologies
 - Crafted engaging educational material, including slide decks, problem statements and notes, while also evaluating assignments and projects
- Intern**, ALTEN Calsoft Labs (ACL Digital) – Bangalore May 2024 – Jul 2024
- Led a Generative AI project from inception to deployment, overseeing timelines and deliverables, leading to a 30% reduction in manual customer service tasks
 - Applied cutting-edge technologies like RAG, open-source LLMs and AWS EC2, resulting in seamless deployment and cloud migration
 - Developed skills in data analysis, user experience testing and market research within the AI domain
- Research Intern**, Centre for Data Science & Applied Machine Learning Jun 2023 – Aug 2023
- Conducted extensive research and applied Deep Learning techniques to detect image tampering
 - Implemented Vision Transformers for Deepfake Detection and co-authored a draft research paper

Projects

- Dialogue - Web Chat**
Designed and developed a real-time chat application using the MERN stack, implementing UX testing to improve the interface.
- Travela**
Led development of an LLM-powered one-stop travel booking platform in an 8-hour hackathon, after identifying pain points and analyzing booking patterns, demonstrating rapid prototyping, customer need comprehension and MVP development skills
- Multi-Event Anomaly Detection for Enhanced Video Surveillance**
Leading a team of 4 and innovating a robust, multimodal anomaly detection model, managing timelines and cross-functional collaboration
- Accenture North America Data Analytics and Visualization Job Simulation**
Analyzed, modelled and cleaned large datasets to complete a simulation advising a hypothetical social media client, thereby driving content optimization efforts.

Certifications

- Machine Learning Specialization, DeepLearning.AI:** Coursera
- Jira Work Management Fundamentals:** Atlassian
- Introduction to Data Analysis using Microsoft Excel:** Coursera
- Cloud Computing 101:** AWS Educate

Co-Curricular Interests

- Avid reader with a strong interest in creative and technical writing, contributing regularly to various platforms
- Active member of writing club – WriteAngle; collaborated on editorial projects for monthly college newsletter
- Learning **French (B2)** and **German (A2)** to enhance communication and cultural awareness
- Volunteered for and led a Bootstrap Design Thinking workshop aimed at college freshmen