

RITIKA MENON P

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Personal Profile

I am a dedicated and ambitious Computer Science Post Graduate student with a passion for technology and a strong desire to contribute to the ever-evolving world of software development and computer science. Throughout my academic journey, I have acquired a solid foundation in computer science principles and programming languages. I am eager to learn emerging technologies and apply my knowledge, problem-solving skills, and creativity to real-world projects.

Skills

- **Programming Languages:** Java, Python
- **Databases:** MySQL, MongoDB
- **Web Development:** HTML5, CSS3, JavaScript, React.js, Node.js
- **Data Visualization:** Power BI, Tableau
- **Cloud & OS:** Basic understanding of AWS, Ubuntu
- **Automation and Tools:** RPA, Adobe Photoshop, Premiere Pro
- **Soft Skills:** Strong Communication, Team work, Adaptability

Projects

AI Powered Resume Builder

- Technologies Used: Node.js + Express + Multer for backend and React.js for frontend.
- Used Hugging Face Opensource models – Google FLAN-T5-Base and Facebook BART-Large-CNN to auto-generate professional resumes from user inputs.
- Integrated NLP-driven text generation with seamless file handling via Multer for a smooth, intelligent resume creation experience.

Oral Cancer Prediction System

- Developed a CNN-based model using Python, TensorFlow, and image processing to detect oral, lip, and tongue cancer from lesion images.
- Integrated Data Mining and association rule mining for predictive analysis, enhancing early diagnosis and accessibility in low-resource settings.

Education

PSGR Krishnammal College for Women, Coimbatore

Jul 2024 - Present

MSc in Computer Science | Current CGPA: 8.5

Sri Ramakrishna College of Arts & Science for Women, Coimbatore

Sept 2021 – May 2024

Bachelor of Computer Application | CGPA: 8.9

Internship

VConnect Media, Coimbatore

Jul 2023– Oct 2023

- Managed content creation and media editing, utilizing **Adobe Photoshop** and **Premiere Pro** for corporate and informal designs, invitations, and video editing
- Delivered all submitted creative assignments with an 'A' grade, demonstrating high-quality work and attention to detail.

Achievements

- **E. Balagurusamy Gold Medal** awardee for being the Computer Science Department topper (2021- 2024 batch), awarded in 2025.
- Consecutive **three** times Academic **class topper** for BCA (2021– 2024 batch)