RESUME

Priyanka N

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Objective:

Dedicated and student-focused Computer Science (AI & ML) Educator with 4 years of experience in teaching undergraduate-level courses in core and emerging CSE domains. Passionate about fostering a dynamic learning environment and integrating modern pedagogical tools and technologies to enhance student understanding and engagement.

Professional Experience

Assistant Professor – Department of Computer Science & Engineering
Maharaja institute of Technology Mysore.
Nov 2021 – Sep 2024

Assistant Professor – Department of CSE – Artificial Intelligence and Machine Learning.
Maharaja institute of Technology Mysore.
Nov 2024 – May 2026

Assistant Professor – Department of Machine Learning (AI&ML)
B.M.S College of Engineering Bangalore.
May 2026 - Present

Responsibilities:

MITM:

1. Delivered undergraduate courses such as Operating Systems, Web Technology, Artificial Intelligence, Automata Theory and Compiler Design, Discrete Mathematical Structure and Python Programming.
2. Mentored students in academic projects, paper presentations, and coding competitions.
3. Coordinated department-level events like seminars, FDPs, and coding contests like Bootcamp for AI&ML Students.
4. College Level co-ordinator for COURSERA Platform.
5. Criteria 1 and 3 Co-ordinator in department level.

BMSCE:

1. Web Site Co-Ordinator of the Department
2. ERP Co-Ordinator of the Department

Education Qualification:

Course	Institute	Years Of Passing	% / CGPA

M.Tech (Data Science)	JSS Science and Technology University, Mysore	2021	9.19
B.E. (Information Science)	Vidya Vikas Institute of Engineering &Technology, Mysore (VTU)	2019	7.21
2nd PUC (PCMC)	SDM & MMK PU College Mysore	2015	73
SSLC	St. Mary's English High School, T. Narasipura, Mysore	2013	77.7

Papers Published:

1. Breast Cancer Detection Using Histopathology Images from Convolutional Neural Network – Survey paper, accepted from IRJMETS Vol 03Aug 2021.
2. Brain Tumour Classification using Convolutional Neural Network - Implementation Paper, accepted from IRJMETS Vol 04, July 2022.
3. Vision Based Surveillance system for Theft Detection in Supermarkets – Implementation paper, accepted from IRJMETS vol 05, May 2023.

Workshop/FDP's:

1. "Mobile Application Development" Workshop organized by MIT Thandavapura and experts from TCS - 2022
2. "Data Analytics with R Programming" workshop under Faculty Development Program conducted by IFACET IIT Kanpur - 2023
3. "Data Science with GenAI" FDP under Innomatics Research Labs - 2025
4. "Agentic AI: Building Autonomous, Intelligent Systems" under Innomatics Research Labs – 2025
5. "Artificial Intelligence: Insights and Applications at Maharaja Institute of Technology" under AICTE Training and Learning (ATAL) from 05/01/2026 to 10/01/2026.
6.

Technical Skills:

Languages: Python
Tools: Git, Jupyter, VS Code, Few AI tools.
Technologies: Basic scikit-learn and introductory Keras, Deep Learning Frameworks: PyTorch 2.x, YOLOv8/YOLOv9, Weights & Biases (W&B) / MLflow, Hugging Face Ecosystem.

Projects:

1. 2020–2021: Breast Cancer Classification of Histopathology Images Using Convolutional Neural Networks. Different types of CNN models are trained to classify its class and sub-classes of cancerous and non-cancerous tumours.
2. 11/05/2020–20/05/2020: Image Classification using CNN. Model is trained for Rock, Paper, and Scissor hand sign recognition of different skin colour.
3. 12/11/19–21/01/2020: Handwriting recognition using CNN and RNN. Program that scans handwritten image and converts it in to digital format.

4. 06/07/18 – 23/04/19: Litter Detection using UAV's using Machine Learning and Python. A project that focuses on environmental protection act.
5. 06/07/18 – 10/08/18: Intern (full stack web developer) at Idea portal. Designing a web application to protect wildlife in Nilgiris with Ruby on Rails.
6. 10/02/18 – 10/05/18: Patient registration system using Indexer – Desktop application to register patients from file structure using Java [Net Beans IDE].
7. 07/08/17 – 10/11/17: On-line vintage car rental system– Desktop application to book the Vintage car for rent using Web Technology, MySQL, JavaScript.

Certifications:

1. Programming for Everybody (Getting Started with Python) Check out my certificate - Jun 2020: https://coursera.org/share/ac8c7adefd8bd508a72c49629475daf1
2. Hyper parameter Tuning, Regularization and Optimization – Jun 2020 https://coursera.org/share/97c6109e00c636e6257eed209c05f3cb
3. Tensor Flow for Artificial Intelligence, Machine Learning, and Deep Learning - Jun 2020 https://coursera.org/share/bcff83b656c6a78a51ada81847f0107e
4. Convolutional Neural Networks in Tensor Flow – May 2020 https://coursera.org/share/5c17c7fc159aeef26ccee6504793f534
5. Neural Networks and Deep Learning –May 2020 https://coursera.org/share/720ceebcdd20c992f0f5807759ca45b4
6. AI For Everyone – May 2020 https://coursera.org/share/e12761a143cbdae999e15a8f10aa4145
7. Programming for Everybody (Getting Started with Python-May 2020 https://coursera.org/share/ac8c7adefd8bd508a72c49629475daf1

Extra-Curricular:

1. Academic Support volunteer and Foundation support volunteer at Make A Difference (MAD) in the year 2017-19.
2. Organized a coding challenge named "code-chef" in departmental technical fest "Tech tatva" in the academic year 2017
3. Co-ordinator of "Ideathon 2025" from Dept of CSE – AI&ML in the year June – 2025.

Area of Interest:

1. Applied Specializations: AI in Healthcare & Medical Imaging
2. Primary Research Interests: Generative AI & Large Language Models (LLMs)

Extra-Curricular / Departmental Contributions

1. Organized a 1-day workshop on "Agentic AI"
2. Co-Ordinator for COURSERA platform.
3. Member of the NBA Criteria 3 Documentation Committee, A files.

Declaration:

I hereby declare that all the information furnished above is true to my knowledge and belief.

Place: **Signature**

Date: