

# Ravi Kumar

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Email : [raviikrds@gmail.com](mailto:raviikrds@gmail.com)

## EXPERIENCE

### CAPGEMINI

*Apr 2021 – Present*

#### Associate Consultant (Data Scientist)

*Dec 2023 – Present*

- Developed end-to-end ML models, Improving accuracy from 55% to 83% through feature engineering, hyperparameter tuning and continuous enhancement.
- Built scalable data pipelines for text analytics, automating data ingestions, processing and model deployment.
- Developed a text analytics model in AWS SageMaker to classify snow tickets into multiple categories & Subcategories. Also created Power BI dashboard for real-time monitoring, enhancing decision-making for stakeholders.
- Design & develop end-to-end Mailbox.AI framework. Which fetch email from mailbox and moves it into predicted folder. And raise ticket in service now and assign it to the specific team.
- Proactively removing bugs, identifying new features, adding new functionality to enhance the product based on business requirements and growth opportunities, aligning ML solutions with strategic goals.
- Collaborated with cross-functional teams (engineering, product & business) to optimize ML models and enhance products features.

#### Senior Software Engineer (Data Analyst)

*June 2022 – Dec 2023*

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#### Software Engineer (Citrix Administrator)

*Apr 2021 – June 2022*

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## PROJECTS

### Twitter Sentiment Analysis with end-to-end AWS Data & ML pipeline

*Jul 2023 – Jan 2024*

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### Topic Modelling

*Jul 2022 – Sept 2022*

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### Recommendation System

*Jul 2022 – Sept 2022*

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## EDUCATION

### LAKSHMI NARAIN COLLEGE OF TECHNOLOGY

*Bhopal, Madhya Pradesh*

- B.E. in Electronics and Communication Engineering  
**CGPA : 8.19/10**

*June 2016 – June 2020*

## SKILLS

**Programming Language:** Python, SQL, DSA

**Programming Frameworks:** Pandas, NumPy, Matplotlib, Seaborn. TensorFlow, SciKit-Learn, Flask

**Technologies:** Deep Learning, NLP, Docker, Git, AWS SageMaker, Machine Learning, Microsoft Power BI, AI

**Soft Skills:** Problem Solving, Storytelling with Data, Presentation Skills, Collaboration & Teamwork, Leadership, Mentorship

## ACCOMPLISHMENTS

### Key Accomplishments

- Conducted a virtual webinar on “Storytelling with Data” for 1000+ colleagues, enhancing data visualization and communication skills across teams.
- Published multiple blogs on Medium covering Data Science, Machine Learning, & AI contributing to the community and knowledge sharing
- 2nd Place in Hackathon: Awarded 2nd place in a high-level hackathon focused on developing an Advanced Farming System, demonstrating technical innovation and team collaboration.
- 5★ Python Rating on HackerRank: Achieved a 5-star rating in python highlighting strong programming skills and advanced algorithmic proficiency.
- 4★ Coder Rating on HackerRank: Earned a 4-star rating on HackerRank, showcasing ability to solve complex coding challenges and algorithmic problems efficiently.