

Bhavika Baddur

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EDUCATION

KG Reddy College of Engineering and Technology, Hyderabad
Bachelor of Technology, Computer Science and Engineering

Expected May 2026
GPA: 8.9/10

SKILLS SUMMARY

- **Languages:** Python, Java, C, SQL, HTML, CSS, TypeScript, JavaScript
- **Frameworks & Tools:** Flask, ReactJS, Vite, Tailwind, Pandas, Jupyter Notebook
- **Databases:** MySQL, PostgreSQL, SQLite
- **Platforms:** GitHub, Render, VS Code
- **Soft Skills:** Communication, Teamwork, Problem-Solving, Leadership, Adaptability

WORK EXPERIENCE

AI & ML Intern

October 2024 – November 2024

Mastering Data with Machine Learning Internship, IBM SkillsBuild

- Developed and deployed 3 ML models (classification, regression, clustering) on real-world datasets, achieving 85%+ accuracy.
- Designed and executed end-to-end ML pipelines, including data preprocessing, model evaluation, and visualization.
- Applied AI/ML techniques to small-scale projects, improving prediction performance and learning efficiency.

PROJECTS

News Summarizer

[LINK](#)

- Built an NLP-based summarization pipeline leveraging TF-IDF and syntactic chunking to condense long-form news into concise summaries, achieving a 0.73 entity-level F1 score.
- Enhanced factual consistency and readability, reducing average reading time by 70% compared to baseline extractive models.

Resume Parsing System

[LINK](#)

- Developed a transformer-based résumé analyzer using semantic similarity to improve candidate-job alignment, boosting match F1 from 0.618 to 0.712 across 300+ resumes.
- Introduced adaptive section weighting for skills and experience extraction, increasing precision and reducing false matches by 15%.

UniEats – Smart Cafeteria App

[LINK](#)

- Engineered a full-stack web platform for pre-ordering and queue management, cutting average cafeteria wait times by 30% through predictive time-slot allocation.
- Deployed a personalized menu recommender leveraging user order history, integrated CI/CD via Render for seamless production updates.

Ongoing: Multilingual Sentiment Analysis for Product Reviews

[LINK](#)

- Constructing a Hindi-English code-switched review dataset (10K+ samples) and fine-tuning multilingual models to boost macro-F1 from 0.652 to 0.687.

CERTIFICATIONS

- *Introduction to Artificial Intelligence (Infosys Springboard)*
- *Natural Language Processing for Developers (Infosys Springboard)*