

P KAMAKSHI BHAT

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OBJECTIVE

Motivated MCA student with strong programming and problem-solving skills, seeking an entry-level IT role to apply technical knowledge, contribute to real-world projects, and grow as a software professional.

SKILLS

Programming: Python, Java, C, C++, PHP

AI/ML & NLP: TensorFlow, PyTorch, Transformers, spaCy, PyInflect, WordNet

LLM Tools: PEGASUS, T5, FLAN-T5, GPT-based evaluation, SBERT similarity

Backend: Flask, REST APIs, Microservices, JSON/XML Automation

Frontend: HTML, CSS, JavaScript, React.js

Databases: MySQL, MongoDB, Firebase

Tools: Git, GitHub, Postman, JWT Auth

EDUCATION

NMAM Institute of Technology — MCA

2024–2026

CGPA: 8.59 (Pursuing)

Govinda Dasa Degree College — BCA

2021–2024

CGPA: 8.90

PROJECTS

LLM-Based Context-Aware Sentence Rewriting System

[GitHub](#)

Developed a production-style NLP system that reframes sentences/questions using Pegasus, T5, FLAN-T5, SBERT, spaCy, WordNet, and PyInflect. Implemented semantic similarity scoring for contextual accuracy and deterministic output logic for consistent evaluation. Built optimized Flask APIs ensuring low-latency text processing.

Voice-Interactive Quiz System

[GitHub](#)

Built a speech-enabled quiz system using Google Voice APIs to capture and evaluate responses in real-time. Designed a responsive interface for hands-free usage, improving accessibility and enabling smooth audio-to-text conversion for learning and testing environments.

Secure Authentication Platform — MERN Stack

[GitHub](#)

Developed a secure end-to-end authentication platform featuring JWT login, email OTP verification, and protected user sessions. Created scalable MongoDB schemas and modular API architecture, significantly improving reliability and reducing auth-related errors.

PUBLICATIONS & CONFERENCES

IEEE CSITSS-2025 Conference Paper

"LLM Transformer: A Unified Pipeline for Semantic Rewriting of Sentences and Paraphrasing"

Presented at the 9th IEEE International Conference on Computational Systems & Information Technology (CSITSS-2025), RV College of Engineering, Bengaluru, November 2025.

Research focused on transformer-based architectures including T5, FLAN-T5, and semantic similarity scoring techniques for contextual sentence rewriting and deterministic evaluation.

PROFESSIONAL EXPERIENCE

React.js Intern — **CodeLab Systems, Mangalore**

Jan 2026 – Feb 2026

- Completed a structured internship focused on React.js application development.
- Developed responsive UI components and integrated frontend with REST APIs.
- Improved application performance and user experience through optimized component design.

Full Stack Web Development Intern — Prodigy InfoTech

Jul 2025 – Aug 2025

- Completed a 1-month internship in Full-Stack Web Development (15 July 2025 – 15 August 2025).
- Enhanced skills in Flask, Bootstrap, SQLite, REST APIs, and deployment practices through real-world projects.
- Contributed to backend API development and frontend integration in a collaborative development environment.

CERTIFICATIONS

Applied AI & Machine Learning Workshop

[View](#)

Data Science 6-Week Program

[View](#)

MongoDB Developer's Guide (Udemy)

[View](#)

Cloud Computing – NITTE/Wipfli

[View](#)