

Mahesh Kumar

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SUMMARY

Technical Assistant with over 2 years of experience at **IIT Gandhinagar** and **Bharat Electronics Limited (BEL)**. Specialized in AI/ML data curation, multilingual NLP dataset development, and enterprise IT infrastructure management. Proven expertise in system maintenance, VDI deployment, and supporting high-level research operations.

EXPERIENCE

IIT Gandhinagar (IITGN)

Technical Assistant

Gandhinagar, Gujarat
June 2024 – Feb 2026

- Collaborating under Prof. Mayank Singh to develop and label the world's largest public labeled code-mixed (Hinglish) dataset for training LLMs.
- Performing high-accuracy data annotation for text and images to support machine learning research and development.
- Utilizing the **COMMENTATOR** tool for granular linguistic analysis and identifying syntactic roles in multilingual sentences.
- Assisting in constructing benchmarks for low-level Natural Language Processing (NLP) tasks.

Bharat Electronics Limited (BEL)

TAPP Trainee

Bangalore, Karnataka
March 2022 – March 2023

- Deployed and configured Virtual Desktop Infrastructure (VDI) and executed critical data backup protocols.
- Managed enterprise IT infrastructure, including dual-boot OS installations and system maintenance.
- Resolved hardware and OS issues for workstations, ensuring maximum system uptime.
- Configured and troubleshoot network peripherals, including printers and scanners, for large-scale operations.

TECHNICAL SKILLS

- **Languages:** C, C++, Python, SQL, HTML, CSS, JavaScript
- **Specialized Tools:** COMMENTATOR (NLP), Android Studio, MS Office
- **IT Operations:** VDI Installation, OS Deployment, Hardware Diagnostics, Remote Support

EDUCATION

New Government Polytechnic Patna-13

Diploma in Computer Science (**79.11%**)

Patna, Bihar
Dec 2020

Coursework: OS, DBMS, Data Structures, System Maintenance, Software Engineering

Hellens School Rajopatti

Class 12 (Intermediate - PCM) (56.6%)

Sitamarhi, Bihar
2016

Doon Senior Secondary School

Class 10 (Secondary Education) (**8.8 CGPA**)

Muzaffarpur, Bihar
2014

PROJECTS

- **Android UI Design:** Designed and implemented secure Login and Signup interfaces using XML and Java in Android Studio.
- **NLP Benchmarking:** Assisted in constructing benchmarks for ML models focused on Hindi-English code-mixing.