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Education

Bangalore Institute of Technology

Bachelor of Engineering in Electronics & telecommunication **CGPA: 7.52/10** (7th Semester)

Dec 2022–May 2026

Bangalore, Karnataka

Major Coursework

- Data Structures
- Computer Networks
- Artificial Intelligence
- Full Stack Development
- Operating Systems
- Database Management
- GenAI
- Google Cloud

Technical Skills

Languages: AIML, Java, JavaScript, Python

Technologies/Frameworks: GitHub(version control), MERN , Google Cloud

Data Structures: Leetcode(DSA), HackerRank

Design: Figma (UI/UX), Canva

Databases: MySQL, MongoDB

Experience

Prodigy Infotech | Web Development Intern

Remote | June 2023 – July 2023

- Developed responsive web apps including a landing page (load time <2s), games, and a portfolio site with React.js, dark mode, and real-time features.
- Enhanced UI/UX performance and strengthened full-stack development skills by delivering production-ready projects under deadlines.

InternPe | AIML Intern

Remote | Aug 2023 – Sep 2023

- Built ML models for IPL score prediction, car price prediction, and diabetes detection, improving accuracy through data preprocessing and model evaluation.
- Applied Python, ML algorithms, and collaborative workflows to deliver real-world, user-centric AI solutions.

Hackathon Participation

I-Solve Hackathon | Real-time traffic Management System [Link](#) (code canvas)

Oct 2024

- Selected among the **top 30 finalists from 250+ teams** and secured **7th place** in the final round at a **24-hour national-level hackathon** conducted by **Nitte Meenakshi Institute of Technology**.
- Developed a real-time traffic management system using YOLOv8 with 90%+ detection accuracy and 0.03s/frame speed, reducing average waiting time by ~35% through dynamic signal control.

Sales Forecasting | Cisco Forecast League [Link](#) (syntax error 404)

March 2025

Tools: Python, Pandas, PMDARIMA, Statsmodels, Time Series Forecasting.

- Participated in Cisco's national-level forecasting challenge with 30+ teams from BIT.
- Developed time series models (Auto ARIMA & Holt-Winters) to forecast sales data up to FY25 Q1.
- Secured **8th position** with a forecasting accuracy of **89.01%**, demonstrating strong analytical and model tuning capabilities.

Projects

Wanderlust | A travel-friendly stay-booking website | MERN Stack | [Deployed](#) , [GitHub](#) | 2024

- Developed a MERN application for a user-friendly booking system, boosting inclusivity by 60%.
- Enhanced accessibility and ease of use, increasing user engagement by 75%.

EEG Based Emotion Recognition | AIML | [GitHub](#) | 2025

- Built a full-stack web app using **Flask and React** to predict emotions from EEG data with **87%+ accuracy**.
- Implemented signal processing, feature extraction, and Random Forest classification for emotion prediction.
- Transformed raw brainwave signals into real-time emotional insights using AI and signal processing techniques.

EmpowerHer | A Women-Centric Story Sharing Platform | MERN Stack | [Deployed](#) , [GitHub](#) | 2025

- Designed and developed a full-stack web app enabling women to share inspiring stories with secure JWT authentication.
- Implemented admin dashboard with moderation features and role-based access, enhancing community engagement by 70%.

Other projects :- [E-Commerce Sales Analytics Dashboard](#), [CyberGuard AI](#) , [FastAPI PDF QA System](#) , [SmartQuiz](#) , [Malleshwara Constructions Website](#)

Certifications

MERN STACK & DSA: APNA COLLEGE **PYTHON:** INTERNSHALA **DL, AIML:** Infosys SpringBoard & oracle

Leadership / Extracurricular

BIT GDSC Club: CORE MEMBER - 2023 – 2024

OS CODE BIT Bangalore: MEMBER - 2024-2025