

Dheeraj Talapagala

Senior Undergraduate, Computer Science & Business Systems

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EDUCATION

Degree	Specialization	Institute	Year	CGPA
B.Tech	Computer Science & Business Systems	MGIT Hyderabad	2022–Present	8.27

WORK EXPERIENCE

- **Business Development Intern** [Da' villas] Mar-Jun 2025
 - Collaborated with cross-functional teams to drive client onboarding, performed targeted market research, and executed strategic outreach campaigns to support business expansion
 - Enhanced the customer acquisition pipeline by developing compelling marketing collateral, refining client engagement workflows, and maintaining structured records using CRM tools
 - Streamlined operational workflows by liaising with service and support teams to ensure prompt delivery, elevated client satisfaction, and consistent service quality

PROJECTS

- **Automated Grading System for Handwritten Answers** Mar-Apr 2025
 - Built an end-to-end system to automate evaluation of handwritten exam scripts using OCR (Google Vision API), NLP, and Transformers (Mistral 7B)
 - Designed a grading pipeline that extracts questions and answers, compares with key, and assigns scores with feedback, handling both short and long-form responses
 - Achieved accurate grading by integrating semantic similarity, LLM-based evaluation, and visualization dashboards for faculty review
- **Face Recognition-based Attendance System** Jan-Feb 2025
 - Developed a real-time face detection and recognition system using Python, OpenCV, and Insight-Face, enabling seamless automation of classroom attendance
 - Employed facial embedding, Redis for storage, and clustering techniques to ensure robustness under varying lighting, orientation, and occlusion conditions
 - Designed a Streamlit-based frontend and backend to generate automated attendance reports with timestamps, deployed on Amazon EC2 for scalable access
- **Data Analysis of E-commerce Sales Trends** Nov-Dec 2024
 - Analyzed Amazon sales data to uncover seasonal trends, customer behavior, and delivery issues
 - Used Python (Pandas, Seaborn, Plotly) for analysis and clustering; built an interactive React.js dashboard to present findings
 - Delivered actionable insights on delivery optimization and targeted promotions through a web-based visualization tool

POSITIONS OF RESPONSIBILITY

- **Organizing Committee Member – HackSavvy 2024 (24-hour Hackathon)** Mar 2025
 - Coordinated logistics and planning for HackSavvy, a 24-hour national hackathon with 200+ participants from 30+ colleges
 - Managed registrations, communication, and judge coordination for smooth event execution
- **Marketing Team Member – Technical Fest, MGIT** Nov 2024
 - Led branding and outreach efforts through poster design and social media campaigns to boost engagement
 - Collaborated across teams to drive participation from engineering colleges across Hyderabad

TECHNICAL SKILLS

- **Languages:** Python, Java, C, SQL
- **Tools/Platforms:** React.js, Docker, Git/GitHub, Redis, Jupyter Notebook, AWS EC2