

Akash V

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PROFILE

I am a graduate with a **Master of Computer Applications (MCA)** degree. I am a proactive and enthusiastic learner with a strong foundation in **software development and data management** along with familiarity with **C, embedded systems** concepts, and **QA** processes including test case design and defect tracking. My academic projects have provided me with firsthand experience in **Java, Python, and SQL**. I am eager to apply my technical skills and dedication to a challenging role in the **IT industry** and contribute to a company's success.

EDUCATION

Kendriya Vidyalaya No-2
High School
75%

Mangaluru, Karnataka
Mar 2019

St. Aloysius PU College
Pre- University
79%

Mangaluru, Karnataka
Jul 2021

Srinivas University
Bachelor Of Computer Application
75%

Mangaluru, Karnataka
Jul 2023

St. Aloysius College (Deemed to Be University)
Master Of Computer Application

Mangaluru, Karnataka
2024 - Present

PROJECTS

Mini Projects

- **AirCanvas – Gesture-Controlled Paint App:**
Built an interactive air drawing application using real-time hand gesture recognition with OpenCV. Implemented motion tracking and custom gesture controls, increasing versatility and creative possibilities for users.
- **AI Grammar Correction Model:**
Fine-tuned a T5-small transformer for automatic grammar correction. Designed custom data pipelines and evaluated model outputs using BLEU and ROUGE metrics.
- **Real-Time Subtitles for Hand Signs:**
Developed a TensorFlow-based model to generate live subtitles from hand sign inputs, enabling real-time communication and accessibility.
- **FilmFolks – Movie Discovery & Review Platform:**
Developed a web application to easily find, review, and rate films. Integrated community features and real-time recommendations to help users decide what to watch next.

LEADERSHIP & ACHIEVEMENTS

Kendriya Vidyalaya No-2
School Sports Captain

Mangaluru, Karnataka

- Led inter-school sports initiatives by organizing and coordinating multiple competitions , resulting in participation from over 15 schools and fostering a competitive environment.

St. Aloysius PU College
Science Festival

Mangalore, Karnataka

- Won a prize at the Sahyadri Science Festival for a collaborative model. My role as a team member allowed me to apply my technical skills while showing strong collaboration and problem-solving abilities to deliver an award-winning result.

CERTIFICATIONS

- NPTEL
 - Object Oriented System Development Using UML, Java, and Patterns (60%)
- Infosys Springboard
 - Artificial Intelligence for All
 - Basics Of Python
- Cognitive Class
 - Introduction To Cloud
 - SQL and Relational Databases 101

SKILLS

Technical: Python, Java, SQL, Node.js, Angular, TensorFlow, C, OpenCV, Git, Project Management.

Soft: Problem Solving, Effective Communication, Teamwork and Collaboration, Time Management.

LANGUAGES

- English
- Hindi
- Malayalam
- Kannada