

# 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

<b>Kendriya Vidyalaya No-2</b> High School 75%	<b>Mangaluru, Karnataka</b> Mar 2019
<b>St. Aloysius PU College</b> Pre- University 79%	<b>Mangaluru, Karnataka</b> Jul 2021
<b>Srinivas University</b> Bachelor Of Computer Application 75%	<b>Mangaluru, Karnataka</b> Jul 2023
<b>St. Aloysius College (Deemed to Be University)</b> Master Of Computer Application	<b>Mangaluru, Karnataka</b> 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

<b>Kendriya Vidyalaya No-2</b> <i>School Sports Captain</i>	<b>Mangaluru, Karnataka</b>
<ul style="list-style-type: none"><li>Led inter-school sports initiatives by organizing and coordinating multiple competitions, resulting in participation from over 15 schools and fostering a competitive environment.</li></ul>	
<b>St. Aloysius PU College</b> <i>Science Festival</i>	<b>Mangalore, Karnataka</b>
<ul style="list-style-type: none"><li>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.</li></ul>	

## CERTIFICATIONS

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- 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

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

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

## LANGUAGES

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- English
- Hindi
- Malayalam
- Kannada