

# MAHESH KUMAR

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## SUMMARY

Final-year Computer Science and Engineering student with a solid foundation in software development, algorithms, and data structures. Highly motivated and enthusiastic, with strong programming and problem-solving skills. Seeking an internship or entry-level opportunity to apply my technical knowledge and collaborate effectively in a team environment while gaining valuable industry experience.

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## WORK EXPERIENCE

Feb 2025 -April 2025

### AI & ML Intern (Training Program) – Intel Unnati

- Developed an AI-powered Visual Search System using Vision Language Models (VLM) for image-based search queries.
  - Gained practical experience using tools such as Python, NumPy, Pandas, Matplotlib, Scikit-learn, and TensorFlow.
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## EDUCATION

### Bachelor of Engineering in Computer Science and Engineering

Nov 2022 - june 2026

- Sri Sairam College of Engineering, Bengaluru, Karnataka
- Affiliated to Visvesvaraya Technological University (VTU)
- Current CGPA : 8.9/10

### PUC (12th) - PCM

Mar 2020 - Mar 2022

- St Paul Public School, Teghra, Begusarai
  - Affiliated to Central Board of Secondary Education (CBSE), New Delhi
  - Percentage : 88.1
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## SKILLS

- **Technical Skills:** C, C++, Python, Java+DSA, Machine learning with python, HTML, CSS.
  - **Database:** SQL, MongoDB.
  - **Frame work:** django with python.
  - **Certifications:** Intel Unnati AI & ML Training Program, Infosys, Ibm.
  - **Awards/Activities:** participated in hackathon and got 3<sup>rd</sup> position.
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## PROJECTS

- **AI for mental Therapy :** Implemented emotion detection and personalized response generation to simulate supportive therapeutic conversations.
- **Robotic Arm :** Implemented gesture-based control for a robotic arm using OpenCV and microcontrollers, enabling intuitive human-machine interaction.