

MUHAMMED FAHAD S

Email : fahadsheikimam@gmail.com

LinkedIn : www.linkedin.com/muhammed-fahad

Mobile : 9092179658

EDUCATION

AVS ENGINEERING COLLEGE

Tamil Nadu, India

B.E., Computer Science and Engineering
CGPA : 8.6 / 10

June 2021 – June 2025

SKILLS SUMMARY

- **Programming Languages:** Python , Java , JavaScript , SQL , OOPS , C++
- **Web Technologies :** HTML, CSS , React
- **DevOps & Cloud Technologies :** AWS, Docker, Kubernetes, Jenkins, Terraform, Ansible, GitHub
- **Test Automation:** Ansible , Python
- **Soft Skills:** Problem-Solving , Data Structures and Algorithms , Effective communication, Continuous Learning
- **Problem Solving:** Solved **280+ Data Structures** problems on LeetCode [LeetCode](https://leetcode.com)

PROJECTS

Hand Gesture-Based Volume Control System

- **Real-Time Recognition:** Developed a high-performance hand gesture recognition system using Python and OpenCV for real-time multimedia volume control.
- **Enhanced Efficiency:** Reduced manual volume adjustments by 80%, resulting in improved user experience and adoption by over 50 active users. → [GitHub](#)

Image Content Prediction Using CNNs

- **Optimized Image Prediction:** Engineered a CNN model that achieved 98% accuracy and enhanced real-time prediction capabilities using TensorFlow/Keras.
- **Technological Expertise:** Leveraged Python, NumPy, and OpenCV to fine-tune and deploy the model, ensuring robust image content recognition. → [GitHub](#)

GestureControl Presentation Enhancer

- **Real-Time Recognition:** Developed a hand gesture recognition system in Python for real-time interaction
- **Enhanced Presentation Interactivity:** Enabled accurate index finger tracking for seamless slide transitions and interactive drawing. → [GitHub](#)

CERTIFICATIONS

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|---------------------------------|---------------|----------------------|
| ○ Fundamentals AZURE AI Speech | - Microsoft | Link |
| ○ Generative AI | - Microsoft | Link |
| ○ Introduction of Genetative AI | - Google | Link |
| ○ Cloud Computing | - Infosys | Link |
| ○ Problem Solving (Basics) | - Hacker Rank | Link |