

MUHAMMED FAHAD S

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EDUCATION

AVS ENGINEERING COLLEGE

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

Tamil Nadu, India

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](#)

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 |