MUHAMMED FAHAD S

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EDUCATION

AVS ENGINEERING COLLEGE Tamil Nadu, India

B.E., Computer Science and Engineering June 2021 – June 2025
CGPA : 8.6 / 10

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

- 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