

Shaheem P

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PROFILE

As a final-year student studying Computer Science and Engineering at NIT Calicut, I have a strong desire to use my knowledge in software development, artificial intelligence, and cybersecurity to address pressing problems in the real world. With a solid background in data structures, algorithms, and programming languages, I'm excited to contribute to impactful projects and grow in a fast-paced work environment.

TECHNICAL SKILLS

Languages: C++, C, Python, Java, SQL, JavaScript

Frameworks: Tensorflow, Scikit-learn

Tools: Git, Docker, VS Code, VirtualBox, Anaconda, Google Colab

EDUCATION

GHSS Tirurangadi 2019

10th Grade

- Percentage: 100%

GHSS Tirurangadi 2019-2021

12th Grade

- Percentage: 99.08%

National Institute of Technology, Calicut Nov 2022 – May 2026

B-Tech in Computer Science and Engineering

- CGPA: 7.23

PROJECTS

SIGN LANGUAGE RECOGNITION (Python, TensorFlow, Machine Learning)

- Built a Convolutional Neural Network (CNN) to classify American Sign Language (ASL) alphabets from static hand gesture images, achieving 98% accuracy through architectural tuning and regularization techniques.
- Preprocessed and augmented the dataset with normalization, resizing, and transformations to improve model generalization and address class imbalance.
- Evaluated performance using confusion matrix and classification report; used TensorBoard and visualizations to monitor and refine training progress.

PORTFOLIO WEBSITE (HTML, CSS, JavaScript)

- Designed and developed a responsive personal portfolio website using **HTML, CSS, and JavaScript** to showcase my projects, skills, and achievements.
- Integrated GitHub project links, contact form, and resume download for easy recruiter access.
- Deployed the website using **GitHub Pages**



CERTIFICATES

Full Stack Web Development - Udemy (June 2025)



Generative AI Workshop - ASAP Kerala (June 2025)

