Shaheem P

github | linkedin | Shaheem1729@gmail.com

Shaheem_b220523cs@nitc.ac.in | +919633573500 |

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 and algorithms and programming languages, I'm excited to contribute to worthwhile projects and develop in a fast-paced work environment.

TECHNICAL SKILLS

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

Frameworks: React, Tensorflow, Scikit-learn

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

EDUCATION

GHSS Tirurangadi 2019
10th standard
- Percentage: **100%**

GHSS Tirurangadi 2020-2021
12th standard
- 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 high 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.

UNIVOTE – ONLINE VOTING APP *(Flutter, Supabase, Application Development)*

- Developed a cross-platform mobile app using Flutter and Supabase to manage secure, time-bound university elections with separate roles for admin and student users.
- Implemented admin functionalities including candidate approval, election scheduling, and result publication through an intuitive interface.
- Enabled students to securely log in, register candidacy, and cast votes during the active election period; ensured data consistency with real-time updates.

- Designed full election lifecycle management with authentication, access control, and dynamic visibility of results, suitable for academic institutional use.

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.
- Implemented a clean, modern UI with smooth transitions and interactive sections to enhance user experience.
- Integrated GitHub project links, contact form, and resume download for easy recruiter access.
- The website was deployed using **GitHub Pages**

CERTIFICATES

Full Stack Web Development - Udemy June 2025

Generative AI Workshop - ASAP Kerala June 2025