

# Shaheem P

github | linkedin | Shaheem1729@gmail.com

Shaheem\_b220523cs@nitc.ac.in | +919633573500 |



## PROFILE

---

As a final-year Computer Science and Engineering student at NIT Calicut, I am passionate about applying my skills in software development, cybersecurity, and artificial intelligence to solve real-world challenges. With a strong foundation in programming languages, data structures, and algorithms, I am eager to contribute to impactful projects and grow within a dynamic professional 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**

---

<b>Full Stack Web Development</b> - Udemy	June 2025
<b>Generative AI Workshop</b> - ASAP Kerala	June 2025