Ashutosh M Shinde

ASPIRING SOFTWARE DEVELOPER

Profile

Aspiring software developer with advanced proficiency in Java and intermediate skills in Python, C, C++, HTML, CSS, and JavaScript. Familiar with Android development using Kotlin and Selenium for testing, I am eager to leverage my foundational knowledge in contributing to innovative projects

Education

Bachelor's in Engineering (Information Science and Engineering), S.J.B Institute of Technology, Bengaluru

AUG 2021 — AUG 2025

Currently Pursuing (CGPA: 8.85)

12th Grade, Surana Ind P.U College, Bengaluru

JUN 2019 — JUL 2021

Percentage - 90.2%

10th Grade, R.N.S Vidyaniketan, Bengaluru

MAY 2009 — MAY 2019

Percentage - 85.16%

Projects

SLAM Autonomous Robot (Simultaneous Localization and Mapping), Bengaluru

APR 2024 — PRESENT

We used a **Raspberry Pi 4** and a **development PC** (both running Ubuntu 20.04 and ROS) for processing. The robot includes a **Lidar** for mapping, **DC motors** with encoders for movement, an **IMU** for localization, and a **Pi Camera** for visual data. Powered by a Li-Po battery, the components are housed on a durable chassis and connected via Wi-Fi for ROS communication. This setup allows for efficient real-time SLAM and navigation.

Multi Task CNN (Facial Mask, Gender and Emotion Detection) , Bengaluru

JUN 2024 — JUL 2024

This Multi-Task CNN for facial mask detection, gender classification, and emotion recognition uses a shared convolutional backbone with separate branches for each task. Built with TensorFlow or PyTorch, it relies on NumPy, Pandas, OpenCV, Pillow, and Scikit-learn for various functions. For GPU acceleration, CUDA and cuDNN can be utilized. The setup involves creating a virtual environment, installing dependencies, and training the model on a multi-annotated dataset.

Ecommerce Web Automated Testing

JUN 2024 — JUN 2024

For Cutiskart's automated testing with Python, Selenium WebDriver simulates browser actions, WebDriver Manager handles browser drivers, and pytest manages test execution. The Page Object Model keeps the test code organized.

Details

Bengaluru, 560040
India
9900157660
shindeashutosh2003@gmail.com

NATIONALITY

Indian

DATE OF BIRTH

02-07-2003

Links

LinkedIn

Github

Technical Skills

Java (4/5)

C/C++ (3/5)

Python (3/5)

HTML/CSS (3/5)

JavaScript (2/5)

SQL (3/5)

Kotlin (2/5)

Selenium (3/5)

Oracle Apex (3/5)

Microsoft Office (4/5)

Languages

English (Proficient)

Kannada (Proficient)

Marathi (Native)

Hindi (Proficient)

Hobbies

Watching Debates, Realtime Analysis of Many Current Issues, Binge Watching on OTT Platforms

Guest Lecture Management System, Bengaluru

OCT 2023 — NOV 2023

The Guest Lecture Management System uses XAMPP for the server, PHPMyAdmin for the database, and HTML/CSS for the front-end. PHP handles the back-end tasks like user management and lecture scheduling. Development includes setting up XAMPP, designing the database, coding the web pages, and testing the system.

Breaking Silence - Real Time Sign Language Interpretation, Bengaluru

OCT 2024 — JAN 2025

"Breaking Silence: Real-Time Sign Language Interpretation" is a system that captures Indian Sign Language gestures via a webcam and translates them into text and speech in real time. Designed to empower the deaf and dumb community, it uses computer vision tools like OpenCV, MediaPipe, and cvzone for hand detection, while a pre-trained CNN built with TensorFlow/Keras classifies the gestures. The recognized text is converted to speech using pyttsx3, and a Tkinter-based GUI displays the output along with word suggestions via the enchant library, offering a seamless and accessible communication solution.

Courses

Web Programming & M.S Office, Ethnoteh Academic Solutions

OCT 2022 — OCT 2022

One Week Python Program , Udemy

NOV 2022 — NOV 2022

Android Development, Threat Prism

OCT 2023 — NOV 2023

Personal Achievements

State Level Kabbadi Player (Runners Up), KARNATAKA ICSE SCHOOLS ASSOCIATION

NOV 2018 — DEC 2018

Strengths

Fast Learner

Ability to work under Pressure

Responsible and Reliable

Active Listener and Team Player

Extra-curricular Activities

Entreprenuership Development Cell, SJBIT

JUL 2022 — PRESENT

Coordinated inter-college ideathons and technical events with participation from 25 teams, fostering innovation and the formation of new student clubs.