

# SHREYASH MESHRAM

## Software Developer

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## SUMMARY

Passionate about creating innovative technology solutions and possess proficiency in Python and machine learning. Eager to contribute to impactful projects and have experience in developing user-centric applications through collaborative teamwork in Agile environments having a solid foundation in software development and drives commitment to enhancing user experiences and promoting technological progress.

## EXPERIENCE

**Python Developer Intern | Arohi Softwares**  
Software development company focused on innovative solutions

- Constructed responsive user interfaces from provided UI/UX designs utilizing Python and Django, delivering a 95% satisfaction rate in user acceptance testing, and completing 100% of assigned tasks on time.
- Integrated REST APIs and managed relational databases to enhance application functionality and maintain data integrity.
- Executed full-stack development tasks with cross-functional teams, ensuring 100% on-time task delivery.
- Applied Agile practices to streamline workflows and align development efforts with client needs.

08/2024 - 02/2025

**Software Developer Intern | NerdTech**  
Software development company focused on innovative solutions

- Developed and improved software solutions for clients with a focus on user-centric design and robust backend systems
- Collaborated closely with the development team under mentorship to enhance application functionality and performance
- Reduced runtime errors by 30% through rigorous debugging and testing of code modules.
- Gained hands-on experience in modern development tools and Agile methodologies

03/2024 - 04/2024

**Machine Learning with AI Using Python Trainee | Knowledge Solutions India**  
Educational institution providing workshops on advanced topics

- Collaborated in a team to develop a 'Heart Disease Predictor' project during the workshop.
- Deployed a machine learning pipeline using scikitlearn and Pandas in Python to forecast product demand, reducing inventory costs by 15% and optimizing supply chain operations.
- Gained practical insights into machine learning, model evaluation, and real-world deployment strategies.

12/2021 - 02/2022

## EDUCATION

**Bachelor of Computer Engineering**  
Sandip Institute of Technology and Research Centre

Nashik  
06/2022 - 06/2025

**Diploma in Computer Engineering**  
Sandip Foundation's Sandip Polytechnic

Nashik  
06/2019 - 06/2022

## SKILLS

- Programming Languages – Python, Java, JavaScript, C, C++
- Web & Frameworks – Flask, Django, React, TailwindCSS
- Databases – PostgreSQL, MongoDB, MySQL, MariaDB
- DevOps & Tools – Docker, Git, CI/CD pipelines, Virtual Machines
- Cloud Platforms – AWS (Fundamentals), Google Cloud, Microsoft Azure
- Others – REST APIs, Unit Testing, Adobe Photoshop, Premiere Pro, After Effects, Figma

## PROJECTS

**RubikLog – Full-Stack Rubik's Cube Timer Web App**  
Django-React application with PostgreSQL for logging and analyzing solve times

- Architected a CI/CD-enabled web application using Django REST API, ReactJS, TailwindCSS, and PostgreSQL for seamless solve-time tracking.
- Dockerized the project and integrated GitHub Actions for continuous deployment, enhancing development speed and reliability.

**Sign Language Recognition**  
Real-time gesture-to-speech converter for enhanced communication accessibility

- Deployed a machine learning model using MediaPipe and TensorFlow to recognize hand gestures with real-time feedback.
- Integrated gTTS (Google Text-to-Speech) for converting recognized signs into speech, promoting inclusive user interaction.

**Drowsy-Detect**  
Facial recognition app to monitor and alert drowsy drivers in real-time

- Engineered an Android app using Java and Google's Mobile Vision API to detect driver fatigue through facial landmark tracking.
- Implemented real-time alerts to reduce the risk of accidents due to drowsiness, improving road safety awareness.

## Achievements

- Published Paper 1 – Sign Language Recognition using Machine Learning: IJSDR2205094
- Published Paper 2 – Black Spot Detection Using Android App: 978\_OAIJSE0545S2479\_8899
- AWS Knowledge – AWS Knowledge: Cloud Essentials (badges/af53b1a1-c92c-441f-94a4- 85459f19e021)