

# Shoyeb Chaudhari

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## Professional Summary

Innovative and detail-oriented **Software Developer** specializing in **Android and backend development** using Java, Python, and Flask. Skilled in building full-stack mobile apps integrating **Firestore, REST APIs, and ML models**. Experienced with UI/UX implementation, Google Maps API, and database optimization. Passionate about creating scalable, intelligent, and user-focused solutions.

## Technical Skills

**Languages:** Java, Python, SQL, PHP

**Android Dev:** Android SDK, XML, Firebase, Retrofit, RecyclerView

**Web/Backend:** Flask REST API, HTML, CSS, JavaScript

**Libraries:** PyTorch, DeepFace, Material Design, Tailwind CSS

**Databases:** MySQL, Firebase Firestore, MongoDB

**Tools:** Android Studio, Git, GitHub, Postman, VS Code, Jira

## Experience

### Software Developer Intern — Mountreach Solutions

June 2025 – Present — Remote

- Developed Android apps with modern UI/UX using **Java, XML, and Firebase**.
- Integrated **REST APIs, Google Maps API**, and Firestore for location-based features.
- Collaborated with backend teams to connect mobile apps with Flask APIs.
- Worked on integrating **PyTorch models** for intelligent feature enhancement.

## Key Projects

### Safario – Trip Planner App — Java, Firebase, Google Maps API

A travel companion app for efficient trip management with real-time location tracking, itinerary creation, and smart navigation. Integrated **Firestore Auth** and Firestore for secure data sync and user collaboration.

### CropGuard – AI Crop Disease Detector — Java, Flask, PyTorch

An AI-based mobile app detecting crop diseases from leaf images using a PyTorch CNN model served through Flask API. Provided instant remedies in multiple languages and achieved 93% detection accuracy.

### SMS Spam Detection App — Java, Flask, Retrofit, ML

A machine learning-based SMS filtering system using Random Forest and Flask REST API. Built background services for real-time spam detection and improved accuracy with optimized preprocessing.

### Web-Based Voting System — Python, Flask, DeepFace, MySQL

A secure facial-recognition voting platform using **DeepFace** and Flask. Designed admin dashboards, result analytics, and implemented encryption-based authentication.

## Education

### CSMSS Chh. Shahu College of Engineering, Chh. Sambhajinagar, MH

Bachelor of Technology in Computer Science

2023 – 2026

**CGPA: 7.65/10**

### Government Polytechnic Jalna, MH

Diploma in Computer Engineering

2020 – 2023

**83.77%**

### Saraswati English School, Pimpalgaon Re, MH

Secondary School Certificate (10th Grade)

2019 – 2020

**90.00%**

## Certifications

**AWS Academy Graduate – Cloud Foundations** — AWS Academy • [View](#)

**Database Management Systems (DBMS)** — NPTEL / IIT Kharagpur • [View](#)

**Design & Analysis of Algorithms (DAA)** — NPTEL / IIT Madras • [View](#)

## Achievements & Leadership

**Winner – AI & Security Hackathon (Google TFUG, 2025):** Developed an **Anonymous Confession Web System** enabling secure, private, and real-time anonymous messaging using Flask and encryption-based authentication. Collaborated with a cross-functional team to build a scalable, privacy-focused solution recognized for innovation and impact.

**Event Manager – InnoHack 2025:** Organized and managed an intercollege hackathon, guiding students in idea validation and project development. Led a 10-member organizing team ensuring smooth coordination, effective mentoring, and participation from over 100 students.

**Community Contributor – Open Source Projects:** Actively contributed to open-source repositories, improving app UI responsiveness, bug fixing, and optimizing Firebase API integrations.