

SUHRUD ABHINANDAN

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CAREER SUMMARY

Computer Science undergraduate with a core focus on Python and machine learning, and hands-on web development experience using React and Angular. Experienced in building NLP and computer vision solutions and integrating backend APIs and databases into web applications. Strong analytical and problem-solving skills, seeking to build and deploy ML-powered applications.

TECHNICAL SKILLS

Programming Languages: Python, Kotlin, JavaScript

AI/ML & Data: Machine Learning, scikit-learn, Pandas, NumPy, OpenCV, NLP, OCR, RAG Fundamentals, Agentic AI

Web Technologies: HTML, CSS, React, Angular

Databases: MySQL, MongoDB, Firebase, SQLite

Core Concepts: Data Structures & Algorithms (DSA), SDLC, RESTful API Integration

Tools & Version Control: Git, GitHub

EXPERIENCE

Software Development Intern | Infosys 2025 - 2026

- Developed an NLP-based speech enhancement web application to help users improve English pronunciation, building a responsive frontend interface for real-time interaction.
- Integrated backend APIs with the frontend to support real-time speech analysis and feedback, using RESTful API consumption.
- Collaborated with the team across the SDLC, from requirements through testing and delivery.

PROJECTS

Face Detection System | Machine Learning Project 2026

- Built a machine learning-based face detection system in Python using OpenCV for image/video processing, scikit-learn for model training and evaluation, and NumPy/Pandas for data handling and analysis.

Docsy | Offline Android App 2026

- Built Docsy, an offline Android app that answers natural-language questions about scanned documents (marksheets, IDs, PDFs) using on-device OCR, a structured SQLite/FTS5 store and deterministic calculations, with no cloud and no guessing.
- Designed the OCR, field/table extraction and validated-answering pipeline in Kotlin and Jetpack Compose, supporting multi-page scanned PDFs; built labelled query datasets and debugged SQLite and Compose crashes.

Scytro — Smart Supermarket Billing System | Smart India Hackathon (SIH) Project 2025 - 2026

- Built a web/mobile application to reduce checkout queues by letting customers scan or select products and auto-generate bills for independent, contactless payment.
- Designed integrations between product databases, billing automation logic, and digital payment support, applying DSA principles to structure the application's core logic.
- Connected frontend interactions with backend data and business logic across the stack.

TechFest Website — Event Registration & Data Management | Web Developer & Designer 2023

- Led end-to-end development and design of a responsive event registration and participant data management website, using Git/GitHub.

EDUCATION

Bachelor of Technology, Computer Science & Engineering | Gandhi Engineering College Pursuing

12th Standard (CBSE) | Oneness International School 2022

CERTIFICATIONS

- Artificial Intelligence & Machine Learning — Central Tool Room & Training Centre (CTTC), Bhubaneswar (Jul 2026)
- Google Cloud Arcade — Level 1, Level 2 & Certification Zone
- IBM Angular Project-Based Certification

ACHIEVEMENTS

- Deloitte Australia Data Analytics Job Simulation (May 2025) — job simulation in data analysis and forensic technology.

INTERESTS

Graphic Design, Fictional Book Writing