

HIRAL DHAKOLIYA

Software & Product Enthusiast | AI & Analytics Explorer | Building Real-World Tech Systems

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PROFESSIONAL SUMMARY

Computer Science undergraduate with strong interests in software development, backend systems, and product management. Experienced in building database-integrated applications and research-driven technical solutions with a focus on real-world problem solving. Skilled in Python, MongoDB, and data analytics tools, with a structured approach to system design, user-focused thinking, and analytical decision-making. Actively seeking internship opportunities in software, product, and AI-driven roles to contribute, learn, and grow in impact-oriented environments.

PROJECTS

Life Under Wheel – Animal Safety System

Dec 2025

Avishkar Research Convention & Intercollegiate Research Events

- Designed and developed a sensor-based detection system to identify animals resting under parked vehicles
- Integrated motion/obstacle detection with LED indicators and buzzer alert mechanism
- Structured hardware-software coordination logic for real-time alert activation
- Presented and appreciated at intercollegiate research platforms

Teacher's Desk

Sep 2025

Sem Project

- Developing a QR-based attendance management system with MongoDB database integration
- Implemented time-sensitive session validation to prevent unauthorized attendance entries
- Designing backend architecture using Django for secure data handling and scalability
- Planning analytics dashboard and automated reporting features

Career Clarity Platform

Feb 2025

Website Exhibition

- Designed a quiz-based web platform to assist users in identifying suitable career paths
- Developed logic-based response analysis for personalized career suggestions
- Structured backend data handling for user inputs and result generation
- Focused on clean UI flow and minimal user-friction experience

Drive Alert

Dec 2024

Avishkar Research Convention & Intercollegiate Research Events

- Conceptualized a driver-awareness system targeting fatigue and distraction detection
- Designed system workflow integrating sensor inputs with automated alert triggers
- Developed component architecture and preventive alert logic
- Focused on improving road safety through early warning mechanisms , Achieved Finalist Spot.

Hygiene Tech

Dec 2023

Avishkar Research Convention & Intercollegiate Research Events

- Proposed a technology-driven hygiene monitoring solution for public environments
- Conducted gap analysis and defined system architecture for automated detection
- Structured problem-solution framework targeting scalable implementation
- Focused on integrating automation with public health safety objectives , Achieved Finalist Spot

EDUCATION

Bachelor's of Science , Computer Science

University of Mumbai June 2023 – May 2026

- Sem 5 SGPA: 8.90

MSCIT

August 2021

- 74 % A grade

SKILLS

- Python
- MongoDB
- Django (Backend Fundamentals)
- HTML & CSS
- Advanced Excel
- Power BI
- Data Analysis
- AWS (Foundational Knowledge)
- Generative AI Fundamentals
- Structured Problem Solving
- Research & Technical Presentation
- Public Speaking & Communication

EXPERIENCE & CERTIFICATION

Graphic Designing Intern – Hynes InfraTech

Sep 2025

- Contributed to visual content creation and branding materials
- Assisted in digital design assets for marketing and communication

AWS Intern – iStudio

Dec 2025

- Gained exposure to AWS cloud services and deployment workflows
- Assisted in understanding cloud-based architecture and infrastructure setup

AWS Certified Developer – Associate (Skillsoft), Oct 2025

Google – Introduction to Generative AI, Sep 2025

IBM – Data Analytics, Sep 2025

Oracle Cloud Infrastructure Certification – Sep 2025

TATA Forage – Gen AI Powered Data Analytics Job Simulation – Sep 2025