

Kevin Colaco

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Education

Charotar University of Science and Technology (CSPIT)
B.Tech in Computer Science and Engineering
• CGPA: 9.83 / 10.0

Anand, Gujarat
July 2020 – June 2024

Experience

- Software Engineer**, Codal – India January 2024 – Present
- Served as a core developer on a **high-traffic U.S. healthcare e-commerce platform**, contributing to end-to-end development from system design to deployment.
 - Led and delivered two major product features—**automated prescription refills and dependent (child) prescription support**—into production with zero critical issues and minimal post-release fixes, **boosting daily order volume by 2,000+**.
 - Specialized in backend engineering using **Python**, building scalable APIs and services, while contributing to **React/Next.js** for seamless integration.
 - Improved code quality, maintainability, and performance through proactive reviews and optimization **improving overall performance by 30%**.

- Flutter Intern**, SOLITS – India January 2023 – July 2023
- Built a **Hostel Management Mobile App for Nisarg Hostel**, streamlining operations such as room allocation, billing, and student records.
 - Delivered an intuitive UI and workflow automation that enhanced productivity and received positive feedback from the administration.

Projects

Smart Marksheets Scanner

- Led a 5-member team to build **Smart Marksheets Scanner**, a full-stack OCR-based automation system that won the **SSIP Hackathon**.
- Developed a Python-powered OCR backend with a React dashboard, achieving **95%+ accuracy** in validating marksheets for **ACPDC (Govt. of Gujarat)**.
- The solution is currently in active use at **Charotar University**.

RTOCR (In Progress)

- Developing a vision-assist device to help visually impaired users interpret their surroundings using Computer Vision and OCR.
- Leveraging **Azure AI services** to enable real-time text and object recognition for improved accessibility and independence.

Technologies

Languages: C++, Python, JavaScript, Dart, SQL

Frameworks: Django, Flask, FastAPI, React.js, Next.js

Databases: PostgreSQL, Redis, MySQL, Firebase

Cloud/DevOps: AWS, Azure, Docker

Tools & Others: Git/GitHub, PyTorch, DSA, Problem Solving

Certifications

- Microsoft Certified: Azure AI Fundamentals
- Building Real-Time Video AI Applications – NVIDIA
- Microsoft Certified: Azure Data Fundamentals