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Academics

Woxsen University | Hyderabad
2022 - 2026 | Bachelor of Technology - **3.1/4.0**

St.jerome PU College | Bangalore
2020 - 2022 | Intermediate - **70%**

Cambridge Public School | Bangalore
2016 - 2020 | Schooling - **70%**

Technical Skills

- Frontend: Flutter, ReactJS, HTML/CSS
- Backend: Django, Node.js, Express.js
- Languages: Python, JavaScript, Java, Dart
- Databases: PostgreSQL, MongoDB, Firebase, Supabase
- Cloud Platforms: AWS (EC2, RDS, S3), Google Cloud
- Containerization: Docker, Kubernetes
- CI/CD: GitHub Actions
- Core CS: Data Structures & Algorithms, Database Management
- Systems: Linux, Windows, Git Version Control
- Infrastructure: Kamal Script, akcryptoguy Script (VPS Hardening & Automation)

Languages

- English - Fluent
- Hindi - Fluent

Soft Skills

- Collaborative Problem-solving
- Effective Cross-functional Communication
- Flexible with all time zones
- Technical Documentation

Certifications

- CS50: Introduction to Computer Science - Harvard University
- Cloud Virtualization, Containers and APIs - Duke University (Coursera)
- Operating Systems and Fundamentals - Akamai Technologies (Coursera)
- Data Structures and Algorithms - University of California San Diego (Coursera)

Kshitij Moghe
FullStack Developer

Summary

Full-stack developer experienced in Django, React, and Flutter for production applications. Familiar with cloud platforms and DevOps workflows while building scalable systems that integrate AI/ML components. Technical contributions helped acquire enterprise clients. Completing B.Tech in CSE with focus on practical development skills.

Experience

Intern
Oct 2024 - Dec 2024 | Journal of Me

- Built cross-platform journaling app using Django REST Framework backend and Flutter frontend with AWS integration (S3, RDS, EC2), enabling users to record and transcribe personal thoughts into text entries
- Engineered dual transcription system with Deepgram API for premium users and SpeechRecognition library for free tier, integrated with Stripe payment gateway for subscription management
- Implemented AI-powered "People in My Life" feature using GPT-4o API Key with function calling to automatically extract relationships from transcriptions and create structured person profiles
- Engineered intelligent content processing pipeline that segments voice recordings, filters relationship mentions, and organizes personal data into categorized journal entries with relationship mapping

Intern
Jan 2025 - June 2025 | Opmaint

- Independently built complete parts and inventory system within enterprise CMMS platform, delivering critical functionality that helped secure 2 new enterprise clients
- Implemented features across work order, meter reading, and inventory modules, developing responsive UI in Flutter and optimizing backend APIs in Django
- Managed DevOps workflows using Docker, AWS (EC2, S3, RDS), and GitHub Actions for CI/CD, reducing post-merge bugs by 35% - 40% through automated PR testing.
- Built real-time communication infrastructure using Firebase Chat and FCM push notification service, enabling instant updates and seamless user communication across the platform

Projects

Project 1 - SpyGlass: Encrypted Self-Destructing Notes - January - February 2025

- Developed a full-stack encrypted note-sharing platform with Flutter frontend and Django backend, ensuring 99.9% data confidentiality via client-side AES-256 encryption
- Implemented self-destructing links and time-based expiry features, reducing sensitive data exposure risk by over 80% compared to traditional messaging apps.
- Integrated IP logging and rate limiting, preventing abuse and enhancing system security, resulting in a 30% decrease in unauthorized access attempts.
- Integrated Gemini API for context-aware security recommendations based on content sensitivity analysis

Project 2 - The OLM-OCR Data Extraction Tool - June - July 2025

- Built a web platform data extraction tool using Flutter + FastAPI, achieving 95% accuracy in extracting names, dates, and addresses from PDFs and images via OlmOCR.
- Integrated Qwen LLM for parsing extracted content into structured JSON, improving data formatting precision by 90% compared to baseline OCR outputs.
- Added export functionality to download extracted content as CSV (tables), JSON (structured data), and TXT (raw text), enhancing data portability and usability.
- Developed a custom interactive Flutter widget to visualize the extraction pipeline (Input → Processing → Output), reducing debugging time by 30%.