

# Harsh Mendhe

## Full Stack Developer

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## SUMMARY

I am a Full Stack Developer proficient in the MERN stack and Flask, focused on building secure and scalable web applications. My experience includes delivering AI-driven solutions that boost user engagement by 20%. I am knowledgeable in AWS, GCP, and have expertise in Firestore and MongoDB database management. Through rigorous training and hands-on internships, I excel in A/B testing and optimization

## EXPERIENCE

### ReactJs Intern

#### CrakCode

10/2024 - 01/2025 Not specified

A tech company specializing in software development

- Utilized Google Firestore to implement efficient data management strategies, enhancing data storage and retrieval processes
- Implemented and modified Firestore Security Rules, enhancing database integrity and reducing unauthorized access incidents by ~30%
- Engineered and deployed over four innovative features utilizing Firestore, enhancing user engagement and extending session duration
- Deployed Cloud Functions to support A/B testing experiments, reducing feature rollout time by ~40%, and debugged complex JavaScript code

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

#### Vellore Institute of Technology - AP

08/2021 - 05/2025 Amaravati, A.P

## PROJECTS

### InfluenceSync

01/1970 - 01/1970 Not specified

InfluencerSync is a platform for managing influencer marketing campaigns

- Built a role-based influencer marketing platform enabling sponsors to manage campaigns and influencers to apply, negotiate, and track collaborations
- Designed real-time dashboards and implemented AI-based influencer-campaign matching using TFIDF and cosine similarity
- Added intelligent search, filtering, and admin tools for platform monitoring, flagging, and compliance

### CKD Care

01/1970 - 01/1970 Not specified

CKD Care is a medical web app for chronic kidney disease prediction

- Developed a CKD prediction web app using XGBoost, LGBM, and CatBoost, featuring risk analysis and automated PDF-based personalized health reports
- Applied SMOTE and CTGAN for data balancing and integrated Explainable AI (SHAP, LIME) for transparent predictions
- Designed a responsive medical interface with calculators, eGFR estimations, and openFDA drug lookups

### CloudPic

01/1970 - 01/1970 Not specified

CloudPic allows users to generate and edit images using AI

- Built an interactive image-generation web app using the OpenAI API to create and customize AI-generated visuals
- Integrated Cloudinary for seamless storage and optimized data transfer with JSON

### Online Voting System

01/1970 - 01/1970 Not specified

Online Voting System provides secure election capabilities

- Built a secure online voting platform where authenticated users can create elections, cast votes, and view real-time results
- Developed the backend using Node.js, Express, and MongoDB for CRUD operations, and integrated Firebase Authentication for user login
- Designed a React-based frontend with dynamic routing and responsive dashboards

## KEY ACHIEVEMENTS

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AI-driven platforms and user engagement

Successfully delivered AI-driven platforms and enhanced user engagement by 20% through effective feature implementation

## LANGUAGES

French

Advanced

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English

Native

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Hindi

Native

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## SKILLS

Gmail	GitHub	Flask	AWS	GCP	MongoDB	AB Testing	Java	JavaScript	TypeScript	Node.js
React	Express.js	Git	Angular	Linux	Arduino	Raspberry PI	Analyzing Data	Python	SQLite	
XGBoost	HTML	CSS	Tailwind	JSON	Google Firebase	Katalon				