HARSH MENDHE

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LinkedIn | GitHub | Portfolio

SUMMARY

Full Stack Developer with expertise in the MERN stack and Flask, proficient in building secure, scalable web applications. Successfully delivered AI-driven platforms and enhanced user engagement by 20% through effective feature implementation. Demonstrated experience with AWS, GCP, and database management using Firestore and MongoDB. Certified in MERN stack development, with hands-on internship experience in A/B testing and optimization.

WORK EXPERIENCE

ReactJS Intern - CrakCode **Oct 2024 - Jan 2025**

- Utilized Google Firestore to implement efficient data management strategies, significantly enhancing data storage and retrieval processes which contributed to improved application performance.
- 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 to optimize performance and reliability.

EDUCATION

Aug 2021 - April 2025

Bachelor of Technology in Computer Science and Engineering

Vellore Institute Of Technology - AP(Andhra Pradesh)

- CGPA - 8.71

PROJECT

InfluenceSync - Python, Flask, SQLite, Cloudinary, Machine learning

- Built a role-based influencer marketing platform enabling sponsors to manage campaigns and influencers to apply, negotiate, and track collaborations, streamlining end-to-end campaign workflows
- Designed real-time dashboards and implemented AI-based influencer–campaign matching using TFIDF and cosine similarity, improving the accuracy and efficiency of sponsor–influencer pairing
- Added intelligent search, filtering, and admin tools for platform monitoring, flagging, and compliance, enhancing campaign discovery and platform transparency

CKD Care - Python, Flask, XGBoost, SHAP, LIME, CTGAN, HTML/CSS, ReportLab

- 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, interpretable predictions in clinical use.
- Designed a responsive medical interface with calculators, eGFR estimations, and openFDA drug lookups to support informed clinical decision-making.

CloudPic - React, Tailwind, Cloudinary, OpenAi

- Built an interactive image-generation web app leveraging the OpenAI API to enable users to create and customize AI-generated visuals.
- Integrated Cloudinary for seamless storage and optimized data transfer with JSON, ensuring scalability and efficient asset management in the cloud.

Online Voting System - MERN Stack (MongoDB, Express, React, Node.js), Firebase Auth

- 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 and role control.
- Designed a React-based frontend with dynamic routing and responsive dashboards for streamlined user interaction.

SKILLS

- **Programming :** Java, JavaScript, TypeScript, Python
- **Libraries & Frameworks:** Node.js, Express.js, React, AngularJS, Vite, REST APIs, Web Scraping
- **Databases & Version Control:** MongoDB, MySQL, Git, GitHub
- **Platforms & Cloud:** Linux, Windows, AWS, Google Cloud Platform (GCP), Arduino, Raspberry Pi
- **Soft Skills & Languages:** Leadership, Teamwork, Creativity, Emotional Intelligence, Data Analysis
- **Languages:** English, French, Hindi

ADDITIONAL INFORMATION

- **MERN Full Stack Certified EthnusCodemithra**
- **Software Testing Automation Katalon**
- **Security in Google Cloud Coursera**