Sahil Malgundkar

LinkedIn Github Portfolio

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Summary

Versatile Full-Stack Developer with expertise in React, Next.js, React Native, and Node.js. Skilled in building scalable, mobile-responsive applications with a focus on performance and UI/UX best practices. Experienced in writing clean, reusable code, debugging, and optimizing workflows. Familiar with AI/ML integration for enhancing application functionality. Passionate about problem-solving and developing innovative solutions.

Education

MCT's Rajiv Gandhi Institute of Technology, Mumbai

Pursuing Computer Engineering

Bachelor of Engineering (Mumbai University)

Nov 2022 - Present

H.P.T Arts and R.Y.K Science College, Nashik (M Corp.)

Marks, 87.8% Oct 2020 - Mar 2022

Maharashtra State Board of Secondary and Higher Secondary Education(HSC)

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Sacred Heart Convent High School, Nashik (M Corp.)

Maharashtra State Board of Secondary and Higher Secondary Education(SSC)

Marks, 94.8%

Achievements

• Smart India Hackathon (SIH) Winner 2024

- 2nd Runner Up HACK4CHANGE@CHARCHA 2024, a National Level Hackathon hosted by Google and The/Nudge Institute
- Finalist in IDEATHON 2024 at Rajiv Gandhi Institute of Technology
- Finalist in Code4AI at Rajiv Gandhi Institute of Technology

Work Experience

• Full Stack Developer | ADZEENY (August 2024 - Present)

Skills Summary

Languages Java, C, Javascript

Frameworks & Libraries ReactJS, NextJS, React Native, Node.js, Express.js

Databases MongoDB

Tools Figma, PowerPoint, Visual Studio Code

Platform Expo

Soft Skills Project Management, Excellent Communication, Leadership

Projects

VeriSure - Document Verification (Link)

Nov 2024 - Dec 2024

- Developed an AI-powered document verification system using OCR and deep learning, ensuring 99% accuracy and reducing manual verification time by 80%.
- Implemented Pytesseract for OCR, extracting text from scanned documents with 95% accuracy
- Trained a CNN to detect fraudulent or tampered documents
- Compared extracted text with templates for real-time verification, reducing processing time to seconds.
- · Designed a responsive and intuitive UI for document uploads and verification status tracking

· Technology Used:

Frontend: NextJS, Tailwind CSS Backend: Node.js, Express.js

Machine Learning: TensorFlow/Keras, OpenCV, Pytesseract

Database: MongoDB

ODOP - One District One Product (Link)

July 2024 - Aug 2024

- Developed an application for the ODOP scheme, increasing local artisans' income by 60% through workshops, job portals, machinery rentals, and a community platform for global market connectivity.
- Developed a cross-platform mobile app using React Native, ensuring 99.9% uptime and seamless user experience on both iOS and Android.
- Integrated a Private Blockchain using Hyperledger Fabric to ensure product authenticity and transparency.
- Implemented recommendation systems for workshops and products, sales prediction models, and user segmentation, improving user engagement by 60%.
- Built and maintained the backend using Django for robust data management, secure authentication, and efficient server-side logic.

An Ecommerce Website - ShopiWhy (Link)

April 2024 - June 2024

- Developed a comprehensive e-commerce website for a clothes retailer, focusing on user experience, responsive design, and functionality.
- Product Listings: Created detailed product pages with images, prices, and descriptions.
- Shopping Cart: Integrated a shopping cart with real-time updates and secure checkout process.
- User Accounts: Implemented secure user registration, login, and session management, improving user retention by 25%.
- Responsive Design: Optimized for both desktop and mobile devices.

Extra curricular