Sahil Malgundkar

LinkedIn Github Portfolio Mobile: 9607055655 Email: sahilmalgundkar321@gmail.com

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

Bachelor of Engineering (Mumbai University)

Pursuing Computer Engineering Nov 2022 - Present

Marks, 87.8%

Oct 2020 - Mar 2022

Maharashtra State Board of Secondary and Higher Secondary Education(HSC) Sacred Heart Convent High School, Nashik (M Corp.)

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

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

Marks, 94.8%

Achievements/Work Experience

1. Smart India Hackathon (SIH) Winner 2024

- 1.2nd Runner Up HACK4CHANGE@CHARCHA 2024, a National Level Hackathon hosted by Google and The/Nudge Institute
- 1. Finalist in IDEATHON 2024 at Rajiv Gandhi Institute of Technology
- 1. Finalist in Code4AI at Rajiv Gandhi Institute of Technology
- 1. 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

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

April 2024 - June2024

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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 **Personal Information**

Marketing Secretary at CESS in Rajiv Gandhi Institute of technology

Age

· Date of Birth

24 Oct 2004