Sairatna Kamble

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EDUCATION

Indian Institute of Information Technology, Nagpur — 12/2021 - 06/2025
B.Tech in Computer Science Engineering — **CGPA: 7.0**
Coursework: Software Architecture(SA), Data Structures and Algorithms(DSA), Computer Interaction (HCI), Object Oriented Programming(OOP), Operating Systems(OS), Database Management System(DBMS)

PORTFOLIO

- [Portfolio](#)

EXPERIENCE

SDE Intern - KM Financial Services, Nagpur - [Certificate](#) — 10/2023 - 03/2024

- Developed Customer Relationship Management (CRM) web app product using Flutter and React.js for a financial firm.
- Designed and optimized SQL-based RDB schemas to handle interconnected tables optimizing performance for 40%.
- Managed the entire lifecycle of the web app, from requirement gathering to deployment on Firebase, delivering a robust and scalable product, streamlining workflows by 50%.
- Followed Agile methodologies, including sprint planning, daily stand-ups, iterative development, and sprint reviews to iteratively refine and improve UI components and layouts.

WORKS

Transforming Financial News into Market Strategies: A Hybrid Stock Prediction Model - [Report](#)

- A hybrid stock prediction model integrating sentiment analysis of financial news with numerical stock market data using Fin-BERT a Transformer model.
- The system predicts trading signals and improves decision-making by combining market sentiment with technical indicators.

Weather Description Website - [GitHub](#) | [Site](#) | HTML, CSS, REACT.JS, SQL

- Responsive weather description website using HTML, CSS, and React.js. Increased user engagement by 10% through an interactive, aesthetic interface.
- Efficiently implemented a React js script to retrieve real-time weather data from the OpenWeatherMap API.
- Implemented dynamic UI components using React.js to ensure seamless navigation across devices.

RailSafar Train Reservation System- [GitHub](#) | HTML, CSS, REACT.JS, PHP, SQL

- Implemented an train reservation system utilizing MVC architecture enhancing user convenience by 30%.
- Prepared secure user authentication and profile management, secure data fetching from MySQL databases for real-time train schedules, seat availability, and user booking history, train schedules, and e-ticket downloads.
- Designed and integrated an Admin Module for managing trains, users, and tickets, improving operational efficiency.

To-Do Task Management Application - [GitHub](#) | [Site](#) | HTML, CSS, REACT.JS

- Utilized React Context API for efficient state management, enabling seamless data sharing across components and dynamic updates, powering a real-time, interactive dashboard displaying statistics of all the tasks.

PizzaShop Order Management System - [GitHub](#) | [Site](#) | HTML, CSS, REACT.JS

- Developed a responsive system for pizza chefs with features for customizing and handling multiple orders, tracking order stages in real-time using React.js and local storage.
- Implemented dynamic features like order stage updates, deleting order at any time between stages and receipt downloads in PDF format for user convenience.
- Integrated an automated daily reset system to save order details in a .txt file and clear local storage, ensuring efficient data handling and system readiness.

TECHNICAL SKILLS

Languages: C++, Java, Python, SQL, JavaScript, HTML, C, Dart
Frameworks: Django, CSS, AngularJS, React, Selenium, Flutter
Tools and Technologies: Firebase, GitHub, Figma, Canva, Power BI, Graphic Designing, UI/UX Designing

POSITION OF RESPONSIBILITY

Tantrafiesta 2023 IIITN - [Portfolio](#)

- Active participant in the design team for Tantrafiesta 2023, the technical fest of IIIT Nagpur, creating impactful graphics, event merchandise, and managing a Graphic Design Event with innovative UI/UX challenges.