

MANISH KUMAR SIROHI

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PROFESSIONAL SUMMARY

Full-Stack Developer and Machine Learning Engineer with 1+ year of hands-on experience in building scalable web/mobile applications and AI-driven solutions. Expertise in React.js, React Native, Node.js, and Python, with a proven track record of delivering high-impact projects. Adept at collaborating with cross-functional teams to solve complex problems and optimize performance. Skilled in building pixel-perfect UIs across mobile platforms, integrating RESTful APIs, and translating wireframes into high-performance code. Proficient in debugging, reusable component design, and mobile app deployment on Android and iOS.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript (ES6+), C++, SQL

Frontend Development: React.js, React Native, Redux, HTML5, CSS3, Bootstrap, Tailwind CSS, Axios

Backend Development: Node.js, Express.js, RESTful APIs, Firebase (Auth/Firestore), MongoDB

Mobile Development: React Native Libraries (Navigation, Gesture Handler), Expo

Machine Learning: TensorFlow, Keras, CNN, OpenCV, Scikit-learn, Pandas, NumPy

Tools & Platforms: Git, Docker, Linux, Jupyter Notebook, Postman, Webpack, Babel, JWT, CI/CD, Mocha

WORK EXPERIENCE

Mobile App Developer Intern

LeaveCode Technologies Pvt. Ltd. | Dec 2024 – Apr 2025

- Developed a cross-platform trash management app using React Native, Redux, and Firebase.
- Implemented React Navigation for seamless user flow and Firestore for real-time updates.
- Integrated REST APIs with Axios, reducing data fetch latency by 25%.
- Optimized UI with Tailwind CSS, achieving consistent performance on Android and iOS.

Web Development Intern

Sneagnic Pvt. Ltd. | Feb 2024 – Aug 2024

- Built 5+ responsive web applications using React.js, Bootstrap, and Tailwind CSS.
 - Implemented SEO best practices, increasing organic traffic by 15%.
 - Utilized Axios for efficient API calls, reducing load times by 10%.
 - Designed Firebase authentication and developed RESTful APIs using Node.js and Express.js.
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PROJECTS

KaloDash – Calorie & Fitness Management Dashboard

React.js, Redux, Firebase, Chart.js, Tailwind CSS

- Built a modern health and fitness tracking web application focused on calorie, water, weight, and body measurement tracking.
- Designed a responsive Calorie Tracker that logs daily calorie intake with date-wise visualization using Redux and Chart.js.
- Developed a Weight Tracker that calculates BMI, body fat %, lean mass, and other metrics, storing progress by date and visualizing changes over time.
- Created a Water Tracker with an intuitive UI to log glasses of water daily, supported by a visual progress bar and charts.
- Integrated a Body Measurement Tracker that logs part-wise body sizes and visualizes changes through charts and comparison layout.
- Added a Gym Workout Mode Selector for users to choose fitness levels (Beginner, Moderate, Expert) and receive tailored routines.
- Built Login and Signup pages, stored authenticated user data in Redux to personalize each user's dashboard.

Crop Yield Prediction System | Python, KNN, Pandas

- Developed a machine learning model to predict crop yields based on soil pH, rainfall, and humidity.
- Achieved 85% accuracy, enabling farmers to optimize planting schedules and reduce waste by 25%.

Leaves Disease Detection System | TensorFlow, CNN, OpenCV

- Built a deep learning model to identify diseases in plant leaves with 90% accuracy.
- Reduced manual inspection time by 40%, aiding farmers in early disease detection.

Food Blog Website | React.js, Firebase, Axios

- Created a dynamic food blog with Firebase Firestore for content management and Firebase Auth for secure login.
- Improved SEO, resulting in increase in traffic within the first month.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science & Engineering

I.T.S Engineering College, Greater Noida | Sept 2020 – July 2024

- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Web Development, Database Systems.