

SATHWIK R BHANDARKAR

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SUMMARY

Aspiring Software Developer | Web & Mobile App Developer

Passionate about developing efficient, user-friendly applications for web and mobile platforms. Strong problem solving skills from competitive programming combined with a keen eye for UI/UX design. Always exploring new technologies to create impactful and scalable digital solutions.

EDUCATION

Manipal Institute of Education

B.Tech in Information Technology - **CGPA - 8.66**

2022 – 2026

Manipal, India

Jnanasudha PU college

KSEAB - PCMC - **Percentage - 92%**

2020 – 2022

Karkala, India

TECHNICAL SKILLS

Languages: Python, C, C++,

Developer Tools: VS Code, Android Studio, Figma

Technologies/Frameworks: ReactJS, NodeJS, MongoDB, Flutter, Flask, GitHub, Git, Firebase, Supabase

PROJECTS

HemoCare | React-Native, Node.js, MongoDB, RESTful APIs, WebSockets

Sep 2024

- Coordinated with 4 team members to develop a hemodialysis scheduling app that optimized hospital resource management by integrating **real-time notifications**, intuitive UI with donut graphs and in-app chat using **WebSockets**.
- Won Track-H of App-a-thon 2024** organized by MAHE and Apple Developers' Group

GemSieve | Flutter, Firebase, Gemini API, Bloc

Jun 2024

- Collaborated with a teammate to develop a diary app, integrating the **Gemini API**, using **SOLID** principles and **CLEAN** architecture
- Streamlined user authentication by integrating FirebaseAuth with **Google authentication**, and enhanced usability by implementing a **speech-to-text** model for seamless voice-based diary entry.

Rental Cycle System | React, HTML, CSS, Javascript, PostgreSQL

Apr 2024

- Collaborated with a team of 3 to develop a **full-stack web application using React and Supabase**, enabling seamless rental cycle management.
- Implemented **authentication** and a **relational database with PostgreSQL** via Supabase, improving user data security and ensuring reliable transaction management.

COURSEWORK / SKILLS

- | | | | |
|--------------------------------|-------------------------------------|-----------------------|----------------|
| • Data Structures & Algorithms | • Database Management System (DBMS) | • Web Development | • UI/UX Design |
| • Operating Systems | • OOPs Concept | • Android Development | |

ACHIEVEMENTS

KMC Manipal

Oct 2024

- Achieved **first place** in **App-A-Thon 2024**, a seven-week hackathon, by developing *HemoCare*, an innovative app for Hemodialysis Appointment Scheduling.

CERTIFICATIONS

- Completed Flutter and Dart- The Complete Guide [2024 Edition] on Udemey