MIHIR HEBALKAR

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EDUCATION

Symbiosis Institute of Technology, Pune B.Tech in Computer Science & Engineering	2022 – Ongoing <i>CGPA</i> : 9.12
Chinmaya Vidyalaya, Tarapur CBSE (Class XII)	2022 94.4%
Chinmaya Vidyalaya, Tarapur CBSE (Class X)	2020 97.8%

EXPERIENCE

FOSS Hackathon, 2024 (Project Developer)

July 2024

- Developed Livre, a travel companion app with expense tracking and travel journal functionalities, completed in 36 hours.
- Incorporated a real-time currency converter and integrated Google Indic API for multilingual support, enhancing user accessibility across 5 languages.
- Designed a responsive user interface using React, optimizing user experience and achieving a 20% faster load time.

Abnormal Home, Pune, Maharashtra (Volunteer)

Ongoing

- Built School-Connect, a React Native dashboard app, improving communication between parents and teachers and increasing engagement by over 50%.
- Facilitated weekly sessions and created 15+ educational materials, enhancing learning experiences for children with special needs.

TECHNICAL SKILLS

Languages: C, C++, Python, Java, JavaScript, HTML, CSS

Frameworks and Libraries: React, Express, Java Swing, C++ STL, NumPy, Matplotlib

Databases: MySQL, MongoDB

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming, Sensors & Microcontrollers, Discrete Mathematics & Graph Theory

PROJECTS

PartyTime E-Commerce Website | Next.js, PostgreSQL, Django

- Created a full-stack e-commerce platform with Django backend and Next.js frontend, supporting over 500 products.
- Developed intuitive user interfaces and responsive web applications using Next.js and React, enhancing page load speed and optimizing overall performance.
- Utilized user feedback to refine UI/UX design, resulting in improved usability and functionality for over 500 products.

Personal Finance Management System | Java Swing, MySQL

- Created a desktop application for personal finance management with Java Swing, managing over 200 financial records.
- Integrated MySQL for efficient data handling and retrieval, reducing query time by 50%.
- Utilized JDBC for database connectivity, performing CRUD operations and generating comprehensive financial reports.

Smart Bus Management System | Arduino Uno, ESP8266, RFID, GPS

- Designed a smart bus management system with Arduino for real-time data processing, covering 10+ stops.
- Implemented RFID for automated fare collection, reducing manual processing time by 60%.
- Integrated ESP8266 with GPS for real-time bus location tracking, enhancing route efficiency and passenger experience.

CERTIFICATES

Mastering Data Structures & Algorithms using C and C++	(Udemy)	Completed: Sep 2024
The Web Developer Bootcamp 2024	(Udemy)	Completed: Oct 2024
MongoDB for SQL Experts	(MongoDB)	Completed: Feb 2024