

# Vibhu Sahu

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## SUMMARY

Frontend Developer with a strong foundation in web technologies, adept at translating UI/UX designs into responsive and efficient code. Proficient in HTML, CSS, and JavaScript, with a focus on delivering scalable and maintainable web applications and efficient frontend systems. Seeking to leverage skills to contribute to dynamic projects and drive innovative solutions as part of a collaborative development team.

## EDUCATION

**Bachelor of Technology in Computer Science (B.Tech CSE)** [SRM Institute Of Science and Technology • Chennai Tamil 2023 - 2027]  
**Intermediate Certification in PCM** [Kendriya Vidyalaya No.1 Raipur • Raipur, Chhattisgarh] 2020 - 2022  
**Class 10th** [Kendriya Vidyalaya No.2 Raipur • Raipur, Chhattisgarh] 2020

## PROJECT

**my\_portfolio\_website** [[link](#)] January 2023 - Present

- Developed a responsive portfolio website using HTML, CSS, JavaScript, and Bootstrap to showcase skills and projects.
- Designed a **clean, user-friendly interface** with **cross-device accessibility** for an optimal user experience.
- Planning to migrate to **Next.js** for **enhanced SEO** and **better performance**, highlighting expertise in **front-end development**.

**EQE(Express QR Code Evaluator)** [[link](#)] October 2023 - Present

- Developed **EQE**, a **user-friendly Android app** designed to solve polynomial equations by scanning **QR codes**.
- Users can **scan a QR code** containing a polynomial expression, and the app will **evaluate the polynomial** for a given value of **x**.
- This project was created as part of a **college assignment**, demonstrating the **implementation of linked lists** in polynomial evaluation.

**BookBox** [[link](#)] September 2023 - Present

- Developed **BookBox**, a **decentralized library application** enabling users to **search, borrow, and purchase books** across various platforms (web, Android, iOS, Windows, Linux).
- Supports both **institutional users** and the **open market**, offering a versatile solution for different audiences.
- Enhances the **reading experience** with **personalized recommendations** and tailored book suggestions for users.
- Provides **comprehensive book management features**, simplifying the borrowing and purchasing process for students and general readers.

## COURSES AND CERTIFICATIONS

**JavaScript Certificate** (HackerRank • 2023) | **Python Certificate** (HackerRank • 2023) | **UberTeach SQLize** (SRM IST Chennai Tamil Nadu • 2023) | **Introduction To Programming In C** (NPTEL -IIT • 2024 • C programming) | **Hackfest Web Development** (SRM IST Chennai Tamil Nadu • 2023) | **Problem Solving Certificate** (HackerRank • 2023) | **SQL Certificate** (HackerRank • 2023)

## POSTIONS OF RESPONSIBILITY

**Tech Assistant and Website Designer** (SRM Institute of Science and Technology, Chennai, Tamil Nadu • Di Club) September 2023 - Present

- Provided **technical assistance** and **designed websites** for the **Di Club**, enhancing the club's **online presence** and functionality.
- Mentored new members** by teaching **website development** and **design principles**, fostering foundational skills in **web technologies**.
- Contributed to the club's overall **technical growth** by supporting members in building their **web development skills**.

**Tech Assistant and Event Coordinator** (SRM Institute of Science and Technology, Chennai, Tamil Nadu • ACE Club) January 2024 - Present

- Coordinated and executed successful events**, including **UberTeach DevFusion** and **UberTeach CodeQuest**.
- Increased club's social media following by 30%** through effective **content management** and **engagement strategies**.
- Provided **technical support** for club activities, ensuring **smooth operations** and prompt **issue troubleshooting** during events.

**Mentor** (SRM Institute of Science and Technology, Chennai, Tamil Nadu • SYNC Club) November 2023 - Present

- Mentored club members** on **C programming**, **basic data structures**, and **technology exploration** to enhance their technical foundation.
- Organized workshops** and **guest lectures** featuring industry experts, expanding members' **knowledge** and **skills**.
- Facilitated group discussions** and offered **one-on-one guidance** on projects, helping members improve their **technical abilities** and **problem-solving skills**.

## SKILLS

**LANGUAGES:** Java, Python, C/C++, C#, Swift, JavaScript, HTML/CSS, Linux Shell, BashShell Script, Markdown Language  
**FRAMEWORK:** Reactjs, Nextjs, Nodejs, Expressjs, FastAPI, Django, Tailwind, Bootstrap  
**DEVELOPER TOOLS:** Git, GitHub, Docker, VS Code, Codespace, Replit, Visual Studio, Pycharm, IntelliJ IDEA, Android Studio, Xcode, Copilot, ChatGPT  
**LIBRARIES:** React-Redux, Redux Toolkit, React-bootstrap, cookie-parser, jwt-token, axios, Bcrypt, EmailJs, OpenCV, pydantic, Panda, NumPy, SQLAlchemy  
**DATABASE:** MySQL, SQLite, SQLite3, MongoDB

## INTEREST AND HOBBIES

**Problem-Solving** | **Mathematics** | **Technology Exploration** | **Reading** | **Gym** | **Football** | **Chess** | **Cycling** | **Badminton** | **Snooker** | **Bowling** | **Gaming** | **Reading Historical Non-Fiction** | **Reading News** | **Watching Standup Comedy** | **Watching Debates** | **Watching Podcasts** | **Telling Stories** | **Cooking** | **Listening to Stories**

## CURRENT LEARNING ENDEAVOURS

**Calculus for Machine Learning and Data Science** (DeepLearning.AI • coursera) | **Finding Your Professional Voice: Confidence & Impact** (University of London • coecor) | **Unsupervised Learning, Recommenders, Reinforcement Learning** (coursera) | **Advanced Learning Algorithms** (coursera) | **Supervised Machine Learning: Regression and Classification** (coursera) | **The Complete Android 15 Course** (Udemy) | **DevOps Bootcamp: CI/CD, Automation, and Cloud Mastery** (Udemy)