

Mahek Shaikh

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Full Stack Developer with experience in building responsive and scalable web applications using **React.js**, **Node.js**, and **MongoDB**. Skilled in **API integration**, user authentication, and **cloud storage** with AWS S3. Built real-time projects including a stock trading platform and a video conferencing app. Certified in Full Stack Development, Cloud Computing, and Python for Data Science.

Actively seeking full stack opportunities to build impactful and user-focused web solutions.

PROFESSIONAL

EXPERIENCE

HAAWSCHAIN IT SERVICE PVT. LTD Pune, MH Full Stack Developer (Intern) Dec 2024- Present *Haawkschain is a startup operating in the Web3 space, focused on developing decentralized cloud storage solutions that prioritize user privacy, data ownership, and end-to-end security.*

- Engineered a fully functional **web application** using **React.js** and **JavaScript**, building dynamic, modular components that contributed to faster feature deployment and improved frontend scalability
- Designed and implemented user **authentication workflows** using **Clerk Auth**, enabling a seamless sign-up and login experience with enhanced security and session management tailored for decentralized storage services
- Integrated **MongoDB** as the **primary database** with the application backend using Mongoose and **RESTful APIs**, allowing efficient handling of user data, file metadata, and system configurations across the platform
- Configured **AWS S3** for **object storage integration**, enabling users to securely upload, access, and manage files directly from the web interface while ensuring high availability and performance
- Developed **responsive layouts** and **adaptive UI** components using modern CSS techniques, ensuring optimal user experience across all device types including mobile, tablet, and desktop
- Contributed to the **architecture** of a privacy-first platform, aligning with **Web3** principles by ensuring that user data remained encrypted, decentralized, and accessible only to authorized parties
- Actively **tested** and **debugged** application components, identifying performance bottlenecks and fixing UI and backend issues to improve application stability and user satisfaction
- Maintained **version control** using **Git and GitHub**, managing pull requests, reviewing peer code, and ensuring a clean, collaborative development workflow with minimal merge conflicts
- Contributed to the **documentation of frontend components, API endpoints, and deployment processes**, promoting onboarding efficiency for future developers and improving codebase clarity

PROJECTS

Stock Trading [Web Application](#)

- Designed and developed a **full-stack stock trading platform** that allows users to view, track, and simulate real-time stock trading using integrated third-party stock market **APIs**. The application **fetched** live market data and updated it dynamically on the frontend to reflect current prices and trends
- Implemented **transaction execution logic** on the backend, enabling users to place buy/sell orders based on real-time stock prices. Orders were validated, processed, and stored, with feedback provided immediately to users on transaction success or failure

AI-Powered Text-to-Image Generator [Web Application](#)

- Developed a full-stack AI SaaS web application that converts text prompts into images using the ClipDrop AI API. Implemented user authentication, allowing users to securely register, log in, and generate AI images. The platform integrates a Node.js/Express backend with MongoDB for user and image data management, and a responsive React Tailwind frontend for seamless user interaction.

Collaborative Real-Time Whiteboard [Web Application](#)

- Built a multi-user whiteboard with **real-time drawing** and **cursor tracking** using **React, Socket.IO**, and Canvas API.
- Stored and retrieved drawings from **MongoDB**, enabling session persistence.
- Implemented **room-based collaboration**, pen tools, stroke customization, and clear canvas features.

CERTIFICATIONS & ACHIEVEMENTS

Full Stack Web Development – Apna College

Cloud Computing – NPTEL (National Programme on Technology Enhanced Learning)

Python for Data Science – Learnbay

Research Publication: Published an international research paper titled “[Implementation of Blockchain in the Healthcare Sector](#)” in Springer. The paper explores decentralized data management, patient record privacy, and secure health data exchange using blockchain.

SKILLS

- **Languages and databases:** JavaScript, HTML5, CSS3, SQL, React.js, Tailwind CSS, Bootstrap, Responsive Design, REST API Integration, Node.js, Express.js, MongoDB, Mongoose
- **Cloud & DevOps Tools:** AWS S3, Git, GitHub, Postman
- **Soft Skills:** Problem Solving, Team Collaboration, Time Management, Continuous Learning

EDUCATION

MIT WORLD PEACE UNIVERSITY Pune, MH BTech in Electronic Communication Engineering July 2022 - Present

MIT, PUNE Pune, MH Diploma in Electronic and Telecommunication July 2019 - May 2022