SAHIL BAGGA

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OBJECTIVE

I am a motivated software developer specializing in the MERN stack (MongoDB, Express.js, React, Node.js). Skilled in building scalable RESTful APIs, interactive web applications, and responsive user interfaces. Passionate about learning new technologies and contributing my skills in development of modern, scalable and innovative projects.

EDUCATION

Jaipur Engineering College and Research Center   Jaipur, Rajasthan
Bachelor of Technology in Information Technology (CGPA – 8.5)   *2023 – 2027*
Sir Padampat Singhania Education Centre   Kanpur, Uttar Pradesh
Intermediate of Science (10+2)

PROJECTS

Pharma Pulse- From Sales Tracking to Excel in One Click / *M.E.R.N, Excel.js, SMTP Server*   Github | Live-link
- Developed a full-stack web application using with Node.js serving a REST API with React as the frontend
- Implemented JWT Token based Auth to get data from user's collection in database.
- Used npm libraries like exceljs to convert the billing entries into excel format.
- Used smtp server and nodemailer library to establish a link so that user can contact the admin.

Nidhi-Setu / *JavaScript, Node.js, Express, React, Supabase, Face-Api.js, Twilio, Tawk*   Github | Live-link
- Developed a welfare fund management platform to ensure secure and transparent disbursement of government schemes.
- Implemented AI-based facial and voice authentication using **Face-API.js** for real-time beneficiary verification.
- Integrated **Supabase** for secure data storage and automated checks to detect inactive accounts on the basis Aadhar Number.
- Designed a user-friendly dashboard with real-time chat support using **Tawk Api** to simplify the process of scheme enrollment and accelerate fund processing.

Portfolio Website / *JavaScript, Nodejs, Express,*   Github | Live-link
- Built a visually attractive and user responsive Portfolio website showcasing my skills and all other projects.
- Developed a simple backend using nodejs and express to use smtp server through nodemailer npm library to establish a connection so that any visiter can contact me through email.
- Added functionality to easily download my resume from the website.

TECHNICAL SKILLS

Languages: C, C++, Python, HTML, CSS, Javascript,Node.js
Frameworks: Express, React, Tailwind CSS, Bootstrap
Tools: Git, GitHub, VS Code, Cursor, Postman
Database: MongoDb, MySQL, Supabase, Firebase
Libraries: NumPy, Pandas, Face-Api.js

CERTIFICATIONS

- Oracle AI Foundation Associate – Certificate Link
- MERN Stack (TCE) - Certificate Link

ACHIEVEMENTS AND EXPERIENCE

- Made an E-commerce website for a startup named Build-Bazaar as a FreeLancer.
- Worked as a backend developer in a startup named Vyap-Go aiming to build a Saas to automate the process of billing and inventory management.
- Secured a top 10 position in IIC, a Hackathon organized by Manipal University Jaipur.
- Participated in various technical events and Hackathons in various colleges including Smart India Hackathon.