

Babita Rawat

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SKILLS

FRONT – END LANGUAGES

- HTML5
- CSS3

PROGRAMMING LANGUAGES

- JavaScript
- Python
- C++

WEB TECHNOLOGIES

- React.JS
- Node.JS
- Express.JS
- WebSocket
- Tailwind, Sass

DATABASES:

- MongoDB
- PostgreSQL/MySQL

DEV TOOLS & CONCEPTS

- Profiler, Components
- Redux Toolkit
- Postman (API testing)
- Parcel (Bundler)
- Git, GitHub
- OOPs, REST API, MVC
- DSA

EDUCATION

NIT HAMIRPUR, HP

M.Sc. Math's & Computing

- CGPA – 9.3 | 2022

UNIVERSITY OF DELHI

B.Sc. Mathematics (Hons)

- CGPA – 8.4 | 2020

POR

HEAD COORDINATOR | 2018

- Managed DU Maths Society events, led 15- person team.

WORK EXPERIENCE

SOFTWARE ENGINEER | CAPGEMINI | AUG 22 – MAR 24

- Developed a **customized CRM solution** for a client, centralizing billboard and campaign data, providing real-time inventory visibility, and automating invoicing.
- Designed intuitive UI tailored for billboard management, and campaign analytics using **Figma**, seamlessly integrated with **React**, leveraging **Material UI** for enhanced user experience and navigation.
- Engineered backend modules for billboard inventory management, campaign tracking, and vendor management using **Node.js (Express)**, guaranteeing real-time updates and historical action tracking in the **PostgreSQL** database.
- Integrated **Leaflet** for interactive mapping functionalities and notification API for automated notifications, enhancing admin-media communication via **SMS** and web app.
- Implemented robust data security and backup protocols, including daily backups, leveraging **digitalOcean's** cloud platform for reliable hosting and data protection.

PROJECTS

ONLINE LEARNING PLATFORM | LIVE | GitHub | MAY 23 – JUN 23

It is an ed-tech platform that enables users to create, consume, and rate educational content.

- Designed **RESTful APIs** with **CORS** handling using **Node.js** and **Express.js**, and tested with **Postman**.
- Integrated secure user **authentication** via **JWT** and payment functionality via Razor pay (**3rd party API**).
- Crafted a responsive UI in **React**, managed data flow with **Redux**, and styled with **Tailwind CSS** for an optimal user experience.

REAL-TIME CHAT APPLICATION | LIVE | GitHub | AUG 23 – SEP 23

- Developed a real-time chat application facilitating both one-on-one and group conversations using the **MERN stack**.
- Implemented seamless instant messaging and real-time notifications using **WebSocket** technology.

CERTIFICATIONS

- **The Complete JavaScript Course:** Mastered ES6+, OOP, asynchronous programming, code architecture, NPM, Parcel, Babel, ES6 modules.
- **The Ultimate React Course:** Mastered React & custom hook, SPAs with **React Router**, performance optimization (memorization & code splitting), state management (**Redux, Thunks, and React Query**) & many techniques.
- **Web Development Bootcamp (MERN Stack):** Mastered full-stack web app development, combining front-end and back-end technologies.