PIYUSH K JHA

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EDUCATION

B.TECH (Minor in Computer Engineering and Major in Electronics)	2023	Delhi Technological University (formerly Delhi College of Engineering)	GPA 7.4
AISSCE/CBSE (Class XII)	2018	VNBSSS	82.3 %
AISSE/CBSE (Class X)	2016	Green Valley Public School	GPA 9.4

PROJECTS

Sync-Link (Browser Extension)
— Developed a browser extension based on the MERN stack to sync links, clipboard text, etc across devices and browsers.
— Used libraries and frameworks like Parcel, **Redux**, Formik, **JsonWebToken**, Bcrypt, Joi, Tailwind-CSS, etc. to make it real-time, scalable and secure. And features like shimmer for better UI/UX.
— The extension has options to display and copy its contents in real time. It keeps history of synced items.

Chief-Advisor (Chat-Bot)
— A personal assistant powered by OpenAI using ReactJS and **Tailwind CSS** for frontend and **Nodes.Js** for backend providing seamless experience.
— The app stores user interactions from earlier logged in sessions separately for every account in a MongoDB database.
— To make it real-time, scalable, and secure, tools and frameworks like **Parcel**, Formik, JsonWebToken, Bcrypt, Joi, Tailwind-CSS, etc. were used. And improved UI/UX with additional features like **Shimmer UI**.

Dish Near Me (Web Application)
— Developed a single-page web application with **config-driven UI**, uses live **Swiggy API** for checking out nearby restaurants, including their location, and allows you to search restaurants and add food to your cart to view the final cost.
— Implemented features like Shimmer UI, **custom hooks**, added packages like Redux-toolkit, joiValidators to make it performant and secure with better visuals.

DTU Smart Mess (Mobile Application)
— Currently I am building a **cross-platform** app for DTU mess and Canteen.
— To eliminate long queues, wastage of food and sizable financial loss to university due to dues.
— Using the MERN stack to make it realtime, scalable and secure.

INTERNSHIP AND WORK-EXPERIENCE

Full Stack Engineer, **ReachIQ (Rnf Technologies)**   01 May 23 – Present
It's a product by Rnf Technologies, where I took charge of conceiving, constructing, and deploying scalable modules, components, and their backends from scratch, utilizing the MERN stack.

Teaching Assistant, **REGex Software Services**   02 May 22 – 29 Jul 2022
Solved doubts and mentored enthusiasts of **C++** and **DSA** from several universities, including JECRC, Mody University, Jaipur National University, Chandigarh University, etc.

Product Engineer, **Urban Company**   31 Mar 21 – 30 Apr 2021
During my tenure in the central supply team of the company, I was actively involved in many vital projects:
— Behavioral Analysis: Analyze the multifarious behaviors of business partners.
— Identified strategic and lucrative business opportunities for expansion through on-boarding new partners.

TECHNICAL SKILLS

● C++, HTML, CSS (Tailwind CSS, Material-UI and Bootstrap), Javascript, **React.Js**, Node.Js, Express.js, Redux, MongoDB.
● Solved around 650+ **algorithmic problems** on various platforms (CodeChef highest rating:1704) also have a strong hold on **CS fundamentals**.
● Tools: Git/Github, GIMP, Visual Studio Code, Sublime.

ACHIEVEMENTS AND POSITION OF RESPONSIBILITY

● Secured 8739 rank in **JEE ADVANCED** 2019.
● Tech team and PR & Marketing team of CODECHEF DTU, It hosts contests every month by collaborating with several companies.
● **NCC** Cadet 1 DAS (youth wing of the **Indian Armed Forces**)| Got gold-medal for best cadet in CATC 2021-22.
● Host of podcast called **India 2050**, published on **Spotify** and **Google** podcasts.
● As a Member of **NSS DTU** in Health and Women Empowerment sector and Head at Elixir (Official Health & Fitness Society of Delhi Technological University) helped 500+ patients to get blood during peak of covid-19 2nd wave.