

BHAVJIT SINGH KESAR

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EXPERIENCE

Kochar Infotech Limited

June 2023 - Jan 2024

It Intern

Amritsar, Punjab, India

- Implemented bug fixes and UI improvements to optimize the functionality and user experience of a Knowledge Management Platform built using Angular, enhancing overall platform performance and usability
- Developed proof-of-concepts (POCs) for a comprehensive multi-edge, multi-direction graph and storage system **Decision Tree Module** within the Knowledge Management Platform, leveraging React-Flow and GoJS integrated into React and Angular, demonstrating innovative approaches to visual data management and hierarchy
- Used Tree Structure Layouting Libraries like Dagre, D3-Hierarchy
- Created UI functionality documents, detailing user interface workflows and interactions, **translation documents** to support seamless localization across multiple languages, improving efficiency and consistency in content management

EDUCATION

Guru Nanak Dev University, Amritsar

July '2020 – June '2023 – June '2025

Bachelor + Master of Computer Applications - (CGPA : 8.74)

Amritsar, Punjab India

Shri Guru Harkrishan Sr Sec Public School, Amritsar

April '2017 – March '20

Secondary Education (10th, Score 92%), Primary Education (+2, Score 98%)

Amritsar, Punjab India

PROJECTS

Build-Mate | React-Vite, JS, socket.io | build-mate.in

April 2024 - Current

- Developed a **Project and Task Management** App using React, Redux, and Socket.io, featuring real-time document sharing, collaboration, and role-based access for staff, clients, and owners in a **B2B** setting.
- Created a responsive **landing page** and integrated filtering and search mechanisms, improving user experience, usability, and workflow management across devices.
- Optimized state management with Redux, enhancing performance and enabling real-time updates through Socket.io for seamless communication and collaboration.

Make-My-Menu | Expo, TS, Gemini-API, Handlebars | makemymenu.online

Sept 2024 - Current

- Developed a Restaurant Menu Maker App using React Native Expo, providing an intuitive interface for generating customizable restaurant menus, integrated with **google gemini** api.
- Oversaw the functionalities and **dynamic rendering** of the menu, ensuring that menu items were displayed accurately and updated in real time, resulting in improved performance and usability.
- Employed best practices in mobile app development, including efficient state management and responsive design.

Personal Projects | Python, Django, Flutter, JS/TS | [GitHub](https://github.com)

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- YoloShoppe** : Ecommerce Website with Flipkart dataset using Python Django, Stripe - BCA 3rd Year Project
- React-Boilerplate-Template-API** : Npm package for a React Template created using Vite Ts Node - Basic Api architecture for personal react projects with 3 tiers (Axios Api - Functional Hook - Ui)
- Chat-Guide** : Chat App using React-Native and Express - Basic Chat App with Friend Requests, Messaging and Images with real time communication using socket.io

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript (TS/JS), SQL

Frameworks & Libraries:: Angular, Django, Flutter, React, React-Native, Redux, React-Flow, GoJS, Scikit-Learn

Developer Tools: AHK, Postman, MySQL, MongoDB, Unity Engine, Android Studio

Extra Skills: Html, Stylesheets (CSS/SCSS), DSA, Git (Github/Gitlab), Problem Solving

CERTIFICATION & EXTRA-CURRICULAR

- 1st Place - SkillSprints Hackathon** (April 2024): Developed a fully functional MVP for a Project/Task management application using React, Axios, and Ant Design within 36 hours, demonstrating innovative problem-solving and rapid prototyping skills in a highly collaborative environment.
- 4th Place - SkillSprints V2** (September 2024): Developed a Menu Maker App using React Native + Expo and Axios with Gemini API, recognized as the only production-ready application in the competition.
- Scientific Computing with Python**, **Front End Development Libraries**, **Backend Development and APIs** – FreeCodeCamp