





# AKANSHA AGGARWAL

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## EDUCATION

Guru Gobind Singh Indraprastha University

2020-2024

Bachelor of Technology in Information Technology (CGPA - 9.4)

Delhi, India

## EXPERIENCE

Hopstack

July 2024 – December 2024

Software Engineer

Bangalore

- **Developed Bundling Summary screen:** Created an intuitive interface with advanced filter functionality to display bundling statistics, improving user data accessibility and search efficiency by **30%**. Built optimized Node.js APIs to streamline the retrieval of bundle picking, bundling, and putaway data using unique IDs, reducing data retrieval time by **20%**. Enhanced warehouse operational workflows, achieving a **25%** increase in efficiency through real-time progress tracking.
- **Implemented Rate Shopping feature:** Enabling users to compare carrier options, select Incoterms, improving decision-making efficiency by **35%** and saving clients over **\$25,000** annually through cost-effective carrier selections. Developed and integrated the frontend interface in React.js, including a dynamic side panel and real-time data updates, enhancing user experience. Optimized backend APIs and connectors for seamless cross-service data retrieval, ensuring audit trail updates and real-time order visibility, boosting operational accuracy by **30%**

Hopstack

Feb 2024 – May 2024

Software Engineer Intern

Remote

- **Developed Tax Calculation Functionality:** Implemented a robust system to calculate taxes on items being shipped between locations, reducing API errors by **30%** and increasing user input accuracy by **25%**.
- **Implemented Payment Due Notifications:** Created a feature to display a persistent banner for payments due within 15-30 days and a non-dismissible modal for overdue payments exceeding 30 days, preventing user redirection and ensuring prompt attention to outstanding dues. Achieved **40%** reduction in overdue payments and improved user compliance for **25,000+** active accounts.
- **Enhanced User Interface Sorting:** Modified the codebase to sort various dropdown lists in alphabetical order, reducing search time by **40%** and improving user experience and data accessibility.

## TECHNICAL SKILLS

**Skills :** C++, C, JavaScript, HTML, CSS, NextJS, ReactJS, NodeJS, Redux, Express, MongoDB, Tailwind CSS, Material UI, TypeScript, SQL, Golang, AWS, GCP, Docker, Kubernetes, Bash, REST APIs, Kafka, Git, Jenkins, CI-CD

**Core Subjects:** Data Structures and Algorithms, Object Oriented Programming, Operating System, Computer Networks, Database Management System

## PROJECTS

SocioPedia | ReactJS, MongoDB, ExpressJS, NodeJS, Material UI

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- It has a comprehensive set of social media features. Users can add posts, interact with posts by **liking and disliking** them, viewing post comments, and **adding/removing friends** from their friend list.
- Users can explore the **profiles** of other users whose posts appear in their feed. They can view the person's friends, write posts for them, and see their posts and likes.
- All the information displayed in the application is fetched from the **backend APIs** that is created from scratch.

CarHub | NextJS, ReactJS, TypeScript, Tailwind CSS, Rapid API

[Live](#) | [Github](#)

- Developed a dynamic and user-friendly **car search platform** allowing users to search for vehicles based on **advanced filtering capabilities** such as make, model, year, etc.
- Utilized **Rapid API** to seamlessly fetch real-time car data, handling data to enhance the application's functionality and reliability.

## LEADERSHIP AND ACHIEVEMENTS

- Achieved **Grand Finalist** status at Microsoft Azure Women Hackathon which was a women-focused tech event.
- **Finalist** at prestigious coding competition, TechGig Goddess Coding Contest, powered by AMEX.
- Achieved **5th** position in Live The Code Hackathon out of 200+ teams.
- Solved **650+** questions on different coding platforms, enhancing proficiency in algorithms and data structures.
- **Problem Setter** at Codechef Adgitm Chapter, crafted intricate problem sets for various coding competitions.
- Achieved Global rank **799** in Codechef Starters 69 which is in top 8% of all participants.
- Completed Virtual Internship at **JP Morgan Chase and Co**