

Jayesh Bhade

jayeshjibhade@gmail.com | LinkedIn | Github | +91-9981258512

Skills

Javascript, Next.js, React.js, Node.js, Webview (Android + React Native), Typescript, HTML, CSS, State Management (Redux, zustand), Monorepos, Microfrontend, Frontend System Design, React Flow

Experience

Software Developer Engineer 2, Groww – Bangalore, India April 2025 – Present

- Building Futures & Options **advanced trading charts platform** from scratch, tailored for pro traders with focus on speed, performance, and real-time updates.

Software Developer Engineer 1, Groww – Bangalore, India June 2023 – May 2025

- Developed **Groww Customer Support Chatbot** and its architecture from scratch built with 30+ reusable components, **WebSocket integration**, AI streaming, message queuing logic and messages retry mechanisms. Handled over **30 lakh user conversations** and significantly increased self-serve rate by **reducing need for Customer Support agents**. This chatbot works **based on a decision tree** made on **Journey builder** platform.
- Built **Journey Builder** platform using **React Flow**, used **graph algorithms** in it for creating workflows powering **30+ contextual answers** and **6 major Groww chatbot workflows**, including Stocks, Mutual Funds, F&O, IPO, UPI, and Groww Balance.
- Optimised **Groww Webview** for low-network resilience, integration with app (data exchange + sharing). **Reduced iOS webview P90 load time from 1.8 sec to 100ms**, by modifying **react-native-webview** library's native code for preloading webview.
- Took complete **ownership** of chatbot and webview projects Groww-wide by gaining deep understanding of the product and tech. Worked with app team to make Chatbot a **webview SDK**, which is integrated in Wealth and GrowwCredit apps also.

Software Developer Engineer - Intern, Groww – Bangalore, India July 2022 – June 2023

- Enabled **voice messages** recording and playback functionality for support tickets, added **real-time pitch wave visualization** as users speak improving accessibility and user engagement. Currently, over **20% of total support tickets** in Groww are voice-based.
- Revamped the Help & Support section to improve customer experience, performance, responsive design and SEO optimisations.
- Designed and developed the **“Recent Activities”** module to increase user transparency and engagement.
- Introduced Active/Past query categorization with persistent state and filters, reducing customer confusion and improving query tracking efficiency.

Projects and Other Experiences

- Winner of 2024 Groww Internal Hackathon**. Created a real-time fundamental analysis chatbot for stocks with AI features.
- Served as **Technical Head of Entrepreneurship Cell Club** of our college.
- Developed college website <https://aciie.ietdavv.edu.in> in 2nd year.
- Developed some personal projects in college - Ecommerce website (MERN stack), Covid19 Tracker app (React Native), Voice assistant powered by GPT (Next.js, OpenAI API), College E-cell Club website (React.js). Some of these are public in my GitHub account.

Education

Bachelor of Engineering – Institute of Engineering and Technology, DAVV, Indore

2019-2023