

# Kunal Ahuja

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## ABOUT ME

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**Frontend Fullstack Developer**, I specialize in building performant web and mobile applications using **JavaScript**, **TypeScript**, **Dart** languages and frameworks like **Angular**, **React**, and **Flutter**, while remaining open to exploring other emerging frameworks and libraries. Passionate about crafting **seamless, user-centric** solutions and solving **real-world challenges** in **agile environments**. With strong expertise in **web** and **mobile** development, I'm also open to exploring **desktop** front-end technologies, Eager to push the boundaries of modern **front-end development**.

## EXPERIENCE

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### Tata Consultancy Services

*I.T Analyst (Developer, TCS Interactive)*

Mumbai, MH — Chennai, TN

*June. 2024 – Present*

- Yono SBI 2.0: Banking Mobile App
  - \* Playing a key role in leading a team of 5-6 members across two locations within a 20-member team, focusing on the **UPI module** of the app during the development of the app with **Flutter v3.16**.
  - \* Managed and resolved defects in a timely manner, reducing the total number of issues by more than 50%, improving performance and resolving critical issues related to **iOS webview** and **URL links**.
  - \* Implemented state management using **MobX** and **flutter\_mobx** libraries.
  - \* Collaborated with **cross-functional teams** to ensure seamless **feature integration** across the app.
  - \* Developed and maintained **unit tests** to ensure robust **code reliability**.
  - \* Actively participated in **code reviews** to ensure adherence to best practices and improved code quality.
  - \* Mentored junior developers, assisting with **conceptual understanding**, **error resolution**, and enhancing **code quality and readability**.

### Jai Kisan (Greenizon Agritech Consultancy Pvt Ltd.) [4 Years, 9 Months]

*Software Development Engineer II*

Mumbai, MH

*April 2022 – May 2024*

- Check Eligibility V3
  - \* Worked on frontend of the complete web Application converted **high fidelity figma** designs into reusable **React UI Components**.
  - \* Made the app **completely responsive** using **media queries** and **Tailwind** library.
  - \* Implemented routing of the application using **react-router** library.
  - \* Used **Redux** library for state management.
- Kisan App
  - \* Played a key role in the development of the transaction and repayment flow using **Flutter**
  - \* Enabled farmers to access and manage all their credit line details in one place.
  - \* Worked on the **riverpod.flutter state management library**.
  - \* Worked on the **REST APIs** integration using **dio** package.
  - \* Successfully implemented **firebase\_analytics** and **firebase\_crashlytics** to get the better insights of the app about user interactions and app crashes.
- Check Eligibility V2
  - \* Worked on the development of Check Eligibility V2 using **Angular v15**, facilitating easy loan eligibility checks for farmers on 3G+ networks. Collaborated with product and design teams, resulting in a remarkable **70%** improvement in conversion rates compared to V1. Successfully scaled the system to accommodate over **2 million** users within **4 months**, handling more than **1000** concurrent users seamlessly.
  - \* Worked on technical specification creation and executed **A/B testing** for UI changes, including **Truecaller Login**, across Check Eligibility website sections, resulting in an average **40%** conversion rate increase tracked through **MoEngage** events.
  - \* Made the app **completely responsive** using **media queries** and **Tailwind** library.

- \* Built the application with the latest angular version with its features such as standalone components.
- \* Used state management libraries like ngRx, RxJs, etc.

## Software Development Engineer I

September 2020 - March 2022

- POS(Point Of Sale)
  - \* Proposed and spearheaded the conversion of the POS (Point of Sale) BNPL Loan app from Flutter to Angular, taking the lead in implementing the solution. Achieved a remarkable 90% reduction in bundle size and an exceptional 110% improvement in loan booking speed.
  - \* Enhanced the POS system by integrating **3** new stages dedicated to fraud checks, bolstering security and trust.
  - \* Expanded the existing POS repayment setup by seamlessly incorporating UPI autopay and Aadhaar mandate options, enhancing payment flexibility and accessibility for users.
  - \* Implemented **third-party SDK** and **APIs** with the app.
- Admin Panel Dashboards
  - \* Implemented role-based access control (RBAC) to restrict data access based on user privileges.
  - \* Collaborated with cross-functional teams (data analysts, designers, and product managers) to translate business requirements into actionable dashboards.
  - \* Implemented post messages to interact with other internal dashboards using iframes.
- Check Eligibility V1
  - \* Worked on frontend of the complete web Application converted **high fidelity figma** designs into reusable **Angular UI Components**.
  - \* Worked on Localisation of the complete App, Delivered it in **5** different Indian local languages using **ngx-translate** library.
  - \* Built with **Mobile first** Approach with full **responsiveness**.
  - \* Implemented **Lazy loading, Auth Guards, Dynamic routing** (Route as per the config).

## Trainee - Software Developer

September 2019 - September 2020

- Bharat Khata
  - \* Worked on the Bharat Khata App using **flutter v1.0** from scratch.
  - \* Worked on the state management of the app using **flutter.provider** library.
  - \* Shipped the app in 8 different Indian local languages using **flutter.localization** library.
  - \* Converted high fidelity figma designs into flutter **reusable widgets**.
  - \* **Revamped and Refactored** complete app twice from scratch.

## EDUCATION

### Watumull Institute of Technology

Bachelors in Computer Engineering CGPA of 5.97 ~ 6.0

### Mumbai University

JULY 2016 - AUGUST 2019

## TECHNICAL & OTHER SKILLS

**Languages:** JavaScript (ES5/ES6+), Typescript, Dart, HTML5, CSS3, SQL, SASS, C++

**Frameworks:** Angular, Flutter, Express

**Libraries:** React.js, Tailwind, Bootstrap, shadcn/ui, Angular-Material, NgRx, rxjs, redux, mobX, melos, mocktail, lodash, jasmine

**Tools:** MongoDB, Firebase, FlutterFlow, Git, AWS, figma, postman, npm, webpack, TradingView

**Skills:** Front-end, Nodejs, UI/UX, Web Sockets, Agile, Unit Testing, Prompting, VS Code

**Others:** Problem solving, Self learner, Honest and Disciplined

## INTERESTS

- Technical analysis (analyzing Chart patterns and Indicators)
- Fundamental analysis (reading Quarter/Annual reports and PL Statements)
- Equity, Crypto-currencies, Trading/Investing, Financial advising/planning