

# Kumar Abhishek

## Senior Software Developer | NIT Warangal

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Tech enthusiast and self-driven Software Developer with **3+ years of experience**, dedicated to driving impactful transformations. Successfully **revamped 3 projects**, resulting in remarkable enhancements in user experience, including a **12-15% surge in customer retention across services and a significant 7-8% increase in D2C account openings**. My commitment lies in delivering top-notch software solutions that consistently surpass expectations.

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## Experience

### FreeCharge(Axis Bank)

*Aug 2021 - Present*

#### Senior Software Developer

- Mentored and collaborated with a team of 2 junior developers to **migrate 4 services to a new boilerplate using parcel packaging and a new encryption system**.
- **Revamped the Redux architecture by implementing Singleton and Abstract Factory design patterns**, improving code maintainability, reducing redundancy, and enhancing application scalability.
- **Redesigned the UI based on the in-house design system built on Material UI**, resulting in a responsive interface with reduced loading times and **a 12-15% increase in customer retention, a 7-8% rise in D2C account openings**, and enhanced web platform engagement.

#### Software Developer

- Created **intuitive dashboards** for 2 services, amalgamating extensive data into an interactive UI. **Before implementation, the team had to navigate multiple sources and services to gather requisite data, resulting in a cumbersome process**.
- Led the implementation of a standardized design system **using Material UI components; decreased the time needed for UI revisions by 25%**, enabling faster project turnaround and improved client satisfaction across the board.

- Tested, debugged, and shipped 10s of 1000s of lines of code to various development teams. This led to **100% bug-free deployment**.

## Skillzen

*April 2020 - Aug 2020*

### SDE Intern

- Developed and implemented RESTful APIs using Python, Django Rest Framework, and PostgreSQL; these systems enabled seamless access to data on over 10K courses and colleges across India, enhancing educational accessibility.
- Learned to make Database design and API design for microservices, deploying the system on Heroku.
- Collaborated with frontend team on API integration, while also mastering web scraping to deliver diverse website-sourced data to the business team.

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## Key Skills

**Languages:** JavaScript, TypeScript, Python

**Markup Languages:** HTML, CSS (SCSS, LESS)

**Frameworks&Libraries:** React, Redux, React Native, Next.js, MaterialUI, ChakraUI, Bootstrap, Formik, Django, DRM, Node, React Testing Library, Jest

**Databases:** MongoDB, PostgreSQL

**Software Tools:** Git, WebPack, Parcel, Babel, NPM, Figma, Chrome Dev Tools, StoryBook

**Other Skills:** Responsive Web Design, Server Side Rendering, SEO optimization, Testing & Debugging, RESTful APIs, Web Performance Optimisation, Agile Methodologies, Problem Solving, Automation/Scripting, Cross-Browser Compatibility

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## Education

**National Institute of Technology, Warangal**

*2017- 2021*

B.Tech Chemical Engineering

**Delhi Public School, Dhanbad**

*2002 - 2016*

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## Projects

### AdapTest

Developed a comprehensive **MERN stack** web application enabling users to take adaptive tests, adjusting question quality and difficulty based on user capabilities, culminating in detailed reports highlighting areas for improvement.