

# Akshit Dayal Uttiramerur

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## SKILLS

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- Java, JavaScript, Python, Dart, C, SQL, HTML, CSS, Typescript, NoSQL, PowerShell, DBMS
- Git, React Native, Angular, Android, Machine Learning, Firebase, Flutter, Linux, Data Structures, OOPs
- Mobile App Development, Web Development, Unit Testing, ReactJS, AngularJS, MongoDB
- English, Hindi, Telugu, Japanese, Public Speaking, Teamwork, Leadership

## EXPERIENCE

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### Mobile App Developer | Xlenz Inc:

Jan 2020 – Sep 2020

- Structured, managed and led the development of a cross-platform mobile application with 30+ interfaces using technologies like **React Native, Redux, Node.js and Flutter**
- Added persistent sorting and filtering, saving users several minutes each time they update data
- Developed modularized React Native components, which allowed for easy unit testing
- Integrated scalable REST APIs, responsible for managing app-wide data, handling all CRUD operations
- Applied dependencies to integrate the application with Unity Player to work with **Augmented Reality**
- CI/CD Pipeline integration, code reviews, documentation and unit testing with a team of 5

### Mobile App Developer Intern | BuzyGo:

Sep 2020 – Mar 2021

- Designed and implemented a mobile application for an e-commerce startup, with more than 20 user interfaces and components using technologies like **React Native, Redux, React.js and Django**
- Integrated and handled CRUD with REST APIs resulting in a relatively better latency
- Performed unit testing and bug fixing decreasing the site error rate by 55% (40 to 18).
- Successfully published the cross-platform mobile application on the Google Play Store.

## EDUCATION

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### New Jersey Institute of Technology

Master of Science in Computer Science, January 2022 – May 2023

Data Structures and Algorithms, Machine Learning, Deep Learning, Cloud Computing, Operating Systems, DBMS

GPA: 3.6

## PROJECTS

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### Real Among Us (AngularJS, Typescript, HTML, CSS, Firebase)

- Designed and developed a website which facilitates the live action version of Among Us without using paper
- Link: [Real Among Us](#)

### Handpose (ReactJS, Machine Learning, Deep Learning, Image Classification)

- Built a Machine Learning oriented website which classifies the user's hand sign using emojis
- Link: [Handpose](#)

### Toastmasters App (Android Studio, Java, Firebase, Android)

- Designed and implemented a mobile app facilitating the Toastmasters meetings for an audience of 40 people
- Reduced the usage of paper from 90% to 1% by automating and digitalizing
- Link: [Toastmasters App](#)

### Venue Booking App (Android Studio, Java, Firebase, Android)

- Managed, structured and developed an app to automate the assignment of rooms to events organized
- Minimized the chance of collision of events to 0% by implementing user rules and restrictions
- Link: [Venue Booking App](#)

### Transactions App:

- Created an Android App to keep track of money transactions. Link: [Transactions](#)

## ACHIEVEMENTS AND VOLUNTEERING

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- **Winner, Hackathon:** Won 1<sup>st</sup> prize for creating a platform for the students and teachers to communicate using Android Studio.
- **Mentor, JNTUH:** Managed and mentored a group of 30 students teaching them Python, Java and Android Studio.
- **Organizer, Student Council:** Organized 5+ college events while also raising sponsorships from alumni, businesses and companies.