**Akshit Dayal Uttiramerur**

Software Developer

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[akrypt.github.io](file:///C:\Users\Akshit\Desktop\akrypt.github.io) | 222 N 2nd St Harrison NJ 07029

***SKILLS***

* Java, JavaScript, Python, Dart, C, C++, SQL, HTML, CSS, Typescript, NoSQL, PowerShell, DBMS
* Git, React Native, AngularJS, ReactJS, MongoDB, Firebase, Flutter, Linux, Data Structures
* Mobile App Development, Web Development, Android, Unit Testing, Machine Learning, Full Stack
* System Design, UI/UX, Software Engineering, Cloud Computing, Object Oriented Programming
* Problem-solving, Good Communication, English, Hindi, Telugu, Japanese

***EXPERIENCE***

**Mobile App Developer Intern | BuzyGo:** **September 2020 – March 2021**

* Designed and implemented software 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 operations with REST APIs resulting in a decrease in latency by 3 times.
* Performed unit testing and bug fixing decreasing the site error rate by 55% (40 to 18).
* Successfully deployed the completed mobile application to the Google Play Store.

**Mobile App Developer | Xlenz Inc:** **January 2020 – September 2020**

* Led the development of a cross-platform application with 30+ interfaces.
* Added persistent sorting and filtering, saving users 50% of the searching time while interacting with data.
* Wrote modularized React Native components, reducing the debugging time by 60%.
* Structurally integrated scalable REST APIs which deducted 35% of development time.
* Applied dependencies to integrate the mobile framework with Unity Player to work with Augmented Reality.
* CI/CD Pipeline integration, code reviews and unit testing with a team of 5 resulting in 50% more efficiency.

***EDUCATION***

**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: 3.75

***PROJECTS***

**Real Among Us (AngularJS, TypeScript, HTML, CSS, Firebase)**

* A website that facilitates the live version of Among Us without using paper.
* Link: <https://akrypt.github.io/amongus_real>

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

* A machine learning oriented website that detects the user’s hand sign using emojis.
* Link: [Handpose](https://akrypt.github.io/handpose)

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

* Mobile app that manages the Toastmasters meetings for an audience of 40 people.
* Reduced the usage of paper from 90% to 1% by digitalizing.
* Link: [Toastmasters App](https://github.com/AkRypt/HITAMToastmastersApp)

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

* An app to digitalize the assignment of rooms/venues to scheduled events.
* Minimized the chance of collision of events to 0% by enforcing user rules and restrictions.
* Link: [Venue Booking App](https://github.com/AkRypt/VenueBookingAppHITAM)

**Transactions App:**

* An android app to keep track of money transactions. Link: [Transactions](https://github.com/AkRypt/TransactionsApp)

***ACHIEVEMENTS AND VOLUNTEERING***

* **Winner, Hackathon**: Won 1st prize for creating a platform for the students and teachers to communicate.
* **3rd Place, Hackathon**: Placed 3rd in a camping-themed Hackathon at NJIT for developing a website that classifies toxic plants vs non-toxic plants.
* **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.