

## Akhil Regonda

469 943 6625; regondaakhil1509@gmail.com

<https://www.linkedin.com/in/akhil-regonda/>

<https://akhil-regonda.azurewebsites.net/>

## EDUCATION

### The University of Texas at Dallas

M.S., Information Science/Studies

Graduate Teaching Assistant, Dean's Excellence Scholar

May 2023

**GPA 3.85**

### Jawaharlal Nehru Technological University Hyderabad

B.Tech., Major: Information Technology

May 2017

**GPA 3.30**

## SKILLS

*Technical Skills:* HTML5, CSS3, Bootstrap, Spectre, SASS, JavaScript, TypeScript, Angular 2+, ReactJS, jQuery, Jest, NodeJS, ExpressJS, Mocha, Firebase, MongoDB, MySQL, Redis, GraphQL, Git, GitHub, GitLab, Docker, GCP, AWS, Kubernetes, Socket.IO, Kafka, Microservices, GRPC, React Native, NxDev, Apollo Client

*Design Skills:* Adobe Photoshop, XD and Figma, Sketch, Wireframing, Prototyping, UX Research, Flowcharts

*Languages:* English, Hindi, Telugu

## PROFESSIONAL EXPERIENCE

### Techolution, Hyderabad, India

December 2021 - July 2022

*Sr. React Native Developer – Client: MobileMerch Solutions*

- Participated in design discussions regarding application architecture, feature implementation, or any other relevant topic as required.
- Oversaw the programming and documentation development team and provided insight into the design process.
- Developed and maintained React Native components, screens, and features for the mobile app using TDD practices.
- Provided **technical leadership** by mentoring junior engineers on best practices related to software development and engineering processes.
- Involved in Agile process, one-week sprints, and daily scrums to discuss the development of the application.
- Responsible for design and development of various components such as tab bars, map view, image picker, date picker, push notifications, sign-in/out features, profile management and navigation using react-native.
- Good Experience in React JS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
- Implemented the UX approved layouts using Apollo-client. In Apollo client used ReactJS framework.
- Used React router for secured routing .and implemented sub-routes to navigate the pages between the application after authentication.

### Techolution, Hyderabad, India

July 2021 - September 2021

*UI/UX Engineer – Client: Ministry of Communications and Information*

- Gathered requirements, planned sprints, trained, and **managed team of 4**, designed and developed a web application for MCI Holographic Telepresence Web.
- Succeeded in deploying the application to production under tight deadlines.

### Techolution, Hyderabad, India

September 2019 - August 2021

*Full Stack Developer – Product: Dooropen/Faceopen*

- Expanded features, refactored code, and improved processes, produced smoother operations and enhanced user engagement.
- Researched and implemented industry best coding practices across the application, optimized performance bottlenecks and improved the **efficiency and reusability by 35%**.
- Developed, and maintained the Dooropen dashboard and other child applications by adapting to ExpressJS, MongoDB, Redis, Microservice architecture via GRPC, Docker, GCP quickly.

- Supported the company during COVID-19, switched between UX/UI Designing and Development and helped in **cost-cutting by 5%**.
- Recognized and awarded as the best employee for multiple sprints.
- Architected, implemented, and maintained audio capture (MERN Stack) and data-collection (MEAN Stack) applications to collect data for the ML teams to run their models by **reducing developer's workload by 30%**.
- Collaborated with the UX team, participated in design meetings and req gathering. Designed illustrations and prototypes for Dooropen.
- Developed software solutions by studying information needs; conferring with users; studied systems flow, data usage, and work processes; investigated problem areas; following the software development lifecycle.
- Analyzed systems flow, architectures, and work processes, investigated 100% of problem areas.
- Used Docker to containerize application by configuring properties, variables for build files to be deployed continuously across multiple platforms.
- Worked closely with the QA team to understand the reported defects and fix them.

**Saemushi**, Hyderabad, India

July 2018 - June 2019

*Junior Software Engineer – Product: Atheneaum*

- Designed style guides, wireframes, logos, infographics, illustrations, and prototypes for the block-chain backed organization management system using Sketch & Adobe XD.
- Enhanced user experience and accomplish webpage objectives by creating site structure, navigation, page optimization, and graphics integration.
- Use skills in debugging to check code, improve code and enhance the functionality and user experience of web applications.
- Implemented enhancements that improved web functionality and responsiveness.
- Produced stunning visual elements of web applications by translating UI/UX design wireframes into code while producing high quality, reusable markup using HTML5 and CSS3 & reusable components using Angular 6, along with backend integration.

**Peepstake**, Hyderabad, India

July 2017 - July 2018

*Full Stack Developer – Client: Proyoung*

- Improved the look, feel and performance of the MLM application with user base over 400k and active users over 300 per day by re-designing, redeveloping, and migrating, under a very tight timeline.
- Created interactive web pages and applications by usage of HTML5, CSS3 and jQuery.
- Implemented data models and continuous integration of the business logic into the application.
- Strengthened User & Admin Portals using the LAMP stack.

**Eligibility:** Eligible to work in the U.S. for internships and for full-time employment for up to 36 months without sponsorship