

Akhil Regonda

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EDUCATION

The University of Texas at Dallas

M.S., Information Science/Studies

Graduate Teaching Assistant, Dean's Excellence Scholar

May 2023

GPA 3.80

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

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.
- Provided **technical leadership** by mentoring junior engineers on best practices related to software development and engineering processes.
- Reduced the time spent on development by 20% by using monorepo (Nx) & creating maintainable reusable components.
- Integrating the Apollo Client, Google Maps, and Firebase.
- Deployed to Google Play and Apple App stores.

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 Design & Development, 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, analyzed systems flow, architectures, and work processes, investigated 100% of problem areas.

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.
- 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