

Saichand Avanaganti

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PROFILE

Experienced **Mobile and Full-Stack Developer** specializing in **React Native, Redux, and Node.js** with a strong focus on **cross-platform development and UI/UX design**. Skilled in **leading end-to-end projects**, optimizing app performance, and integrating **real-time analytics** for user engagement. Adept at **collaborating with cross-functional teams** to deliver scalable and high-impact applications. Passionate about **building innovative solutions** that drive business growth and enhance user experience.

EDUCATION

Saint Louis University, Missouri

Master of Science in Information Systems – GPA: 3.74

Aug. 2023 – May 2025

Missouri, USA

Guru Nanak Institutions Technical Campus, Hyderabad

Bachelor of Technology in Electronics and Communication – CGPA: 7.23

June 2017 – July 2021

Hyderabad, India

EXPERIENCE

Freelance Software Developer

Freelancer

Aug 2023 – Present

Remote

- **Designed, developed, and maintained** business websites, portfolio websites, and mobile applications for various clients.
- Built **responsive and scalable web applications** using **React.js, Next.js, and Vue.js**, ensuring **high performance and SEO optimization**.
- Developed **cross-platform mobile applications** using **React Native and Flutter**, integrating **RESTful APIs, Firebase, and AWS**.
- Provided **end-to-end solutions**, including **UI/UX design, backend development, API integration, and deployment**.
- Assisted **startups, small businesses, and professionals** in establishing an **online presence and mobile accessibility**.
- **Stack:** React.js, Next.js, Vue.js, React Native, Node.js, GraphQL, AWS, Firebase, GCP, TypeScript, Tailwind CSS, CI/CD (GitHub Actions, Netlify, Vercel)

Real Variable Digital Asset Services Pvt. Ltd.

Mobile App Developer

Sep 2021 – July 2023

Hyderabad, India

- **Led end-to-end mobile and web app development**, ensuring seamless **cross-platform performance** for **Android, iOS, and web applications**.
- **Collaborated with cross-functional teams** to define requirements, enhance **UI/UX**, and integrate new features, improving **user engagement**.
- Implemented **analytics tools** such as **Google Analytics and Firebase** to track performance, boosting **app retention and engagement**.
- Developed **scalable and reusable code components**, improving **development efficiency and maintainability**.
- **Stack:** React Native, React.js, Node.js, Firebase, AWS, Google Analytics, IoT

Globalastrix Techno Solutions Private Limited

Software Developer

Sep 2018 – Aug 2021

Hyderabad, India

- Designed and developed **cross-platform applications** using **React Native, React.js, Vue.js, and Node.js**.
- **Optimized backend data flow** by leading **API integrations** using **RESTful APIs and WebSockets**.
- Implemented **caching, lazy loading, and performance optimizations**, enhancing **application responsiveness**.

- Managed **CI/CD pipelines** for seamless deployment using **AWS, Firebase Hosting, and Netlify**.
- **Stack:** React Native, Vue.js, JavaScript, Node.js, REST APIs, AWS, Firebase, WebSockets, Netlify

Ridhan Technologies

Mobile App Developer Intern

May 2019 – Aug 2019

Hyderabad, India

- Developed **mobile UI components** using **React Native**, ensuring **responsiveness and cross - platform consistency**.
- Worked on **API integrations** for **real-time data handling**, improving **application functionality and performance**.
- Assisted in **quality assurance** by conducting **performance and functional testing** before deployment.
- **Stack:** React Native, JavaScript, REST APIs, Redux, TypeScript, Git, Docker, Jenkins, CI/CD

PROJECTS

Shift Scheduler App - Dynamic Workforce Management

- **Developed a workforce management app** enabling real-time shift scheduling, employee shift swaps, and admin-controlled approvals.
- **Integrated real-time chat and notifications** with WebSockets, enhancing the communication and operational efficiency.
- **Stack:** React Native, React Native Paper, Reanimated, Node.js, PostgreSQL, WebSockets, AWS, TypeScript, Firebase, Figma, Adobe XD, CI/CD

Master's Research Project - AI-Driven Decision Support System

- **Developed an AI-powered decision support system** as part of a master's research project, focusing on optimizing **data-driven insights and predictive analytics**.
- **Implemented machine learning models** to analyze trends, automate decision-making, and enhance business intelligence.
- **Designed and deployed an interactive dashboard** to visualize real-time data, enabling effective research analysis and reporting.
- **Stack:** Python, Pandas, NumPy, Scikit-learn, SQL, Flask, Streamlit, PostgreSQL, AWS, CI/CD

NFT Mart - Cryptocurrency Insights App

- **Led app lifecycle management** for a cryptocurrency insights app with IoT integration, tracking real-time data and user behavior metrics.
- **Implemented performance tracking with Firebase** and Google Analytics to analyze user engagement and drive app improvements.
- **Stack:** React Native, Firebase, TypeScript, REST APIs

Avana Fitness - Workout Recommendation App

its-avanafitness.netlify.app

- **Built a connected fitness app** that recommends personalized workouts, integrating user preference data for real-time customization.
- **Collaborated with cross-functional teams** to refine app features and ensure alignment with product goals.
- **Stack:** React Native, Redux, Node.js, TypeScript, Netlify, Github

SKILLS

Languages & Frameworks: Swift, Kotlin, React Native, JavaScript, TypeScript, Redux, Node.js, Java, GraphQL, HTML, CSS, SASS, Expo

Tools & Technologies: Xcode, Android Studio, Firebase, Google Analytics, REST APIs, IoT, Agile, Git, GitHub, Fastlane, TestFlight, Datadog, GCP

Other Skills: Mobile Development, FinTech, Mobile App Lifecycle Management, User Engagement, IoT Integration, Analytics, UI/UX Design, Third-party API Integration, State Management, Push Notifications, App Store Deployment