

# Mithila Singireddy

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## SUMMARY

Full Stack & Mobile Engineer with 3+ years of experience building **cross-platform mobile** and **web applications** using **React Native**, **React.js**, **TypeScript**, and **C#**. Skilled in **cloud-based app development** with **Azure** and **AI-assisted workflows** (GitHub Copilot cursor). Proven success delivering **offline-capable**, **scalable**, and **high-performance solutions** in Agile environments.

## EDUCATION

**Illinois Institute of Technology, Illinois, USA.**

**May 2025**

*Master of Science, Computer Science*

**GITAM University, Hyderabad, India.**

**Aug 2021**

*Bachelor of Technology, Electronics and Electrical Engineering*

## WORK EXPERIENCE

**Uday Ram Partners LLC.** | *Full-Stack Developer*

**Aug 2025 - present**

- Built and optimized **mobile-first React.js** and **Next.js applications**, delivering smooth performance across devices.
- Built and automated **RESTful APIs** with **TypeScript** and **Rest Assured**, improving scalability and **enhancing test coverage by 30%**.
- Designed **modular UI components** using **React Native** and **Tailwind CSS**, ensuring reusable, maintainable front-end code.
- Collaborated with cross-functional teams in a **high-growth environment**, translating evolving business needs into scalable solutions.
- Optimized front-end performance through **lazy loading**, **code splitting**, and efficient state management with React hooks.
- Contributed to **testing and deployment pipelines**, ensuring high-quality and reliable releases.
- Maintained detailed **API documentation** and **code comments**, facilitating team collaboration and future maintenance.
- Integrated **GitHub Copilot** into the workflow, improving development speed and consistency across modules.
- Contributed to **CI/CD pipelines** using **GitLab**, ensuring seamless integration and reliable deployment cycles.

**Jayam Solution** | *Intern*

**Jan 2025 - April 2025**

- Built **cross-platform mobile and web applications** using **React Native**, **React.js**, and **Node.js**, ensuring consistent performance offline.
- Designed and optimized **REST APIs** with **TypeScript**, integrated backend services with **MongoDB** and **Azure Storage**.
- Collaborated with UI/UX designers to deliver **intuitive and responsive mobile experiences** across Android and iOS.
- Built robust data management solutions using **MongoDB**, optimizing queries and database schemas for improved application performance.
- **Collaborated** with **cross-functional** teams in **Agile/Scrum** environments, **identifying risks** and ensuring quality for successful delivery.
- **Reduced server load by 25% through optimized API and caching strategies.**
- Used **GitLab** for collaborative development, managing merge requests, conducting code reviews, and tracking project progress.
- Employed **Git** for branch management, versioning, and deploying applications across environments, ensuring smooth release cycles.

**Value Momentum** | *Software Engineer*

**June 2021 - June 2023**

- Developed 150+ automated test scripts using **C#**, **TestNG**, **Selenium**, **JavaScript**, and **Cucumber**, reducing manual testing effort by 60%.
- Conducted detailed workflow analysis in **Agile/Scrum**, documenting processes to achieve 95% requirement coverage.
- Ensured **secure, stable builds** through unit, integration, and regression testing aligned with enterprise standards.
- **Collaborated** with cross-functional teams to ensure the successful implementation and seamless integration of software solutions.
- Partnered with developers to integrate **CI/CD testing pipelines** across multiple services.
- Conducted **root cause analysis** for failed automation scripts, implementing solutions that improved script reliability by 40%.

## PROJECTS

**Mix & Match Application**

- Developing a **cross-platform mobile application** with an intuitive color picker interface for outfit coordination
- Implemented **responsive UI components** using **React Native** with **TypeScript**, ensuring a seamless user experience across **iOS** and **Android**
- Implemented responsive UI using **React Native** with **TypeScript**, ensuring a consistent user experience across **iOS** and **Android**
- Implemented responsive UI components with modern **JavaScript (ES6+)** and integrated a **NoSQL** database for efficient data handling
- Utilized **Expo** to streamline cross-platform development and accelerate deployment for React Native applications.

## SKILLS

- **Programming Languages:** Java, JavaScript, Python, TypeScript, C#, Shell Scripting
- **Frontend Technologies:** React.js, React Native, HTML5, CSS3, Bootstrap, Responsive Design, Expo
- **Mobile Development:** React Native, Kotlin (basic), Swift (basic), Expo
- **Backend Technologies:** Node.js, REST APIs, Express.js, Object-oriented Programming
- **Databases:** MySQL, MongoDB, NoSQL
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Azure, Apache Kafka, Apache Spark
- **Testing Frameworks:** Selenium, Cucumber, TestNG, Serenity BDD, Postman, Manual Testing, Unit Testing
- **Tools & Platforms:** Git/GitLab, Docker

## CORE COMPETENCIES

**Development Practices:** Agile/Scrum Methodology, TDD, BDD, OOPs, Responsive Design

**Technical Excellence:** Data Structures & Algorithms, System Design, Database Optimization, Cloud Architecture, REST API Design

**Industry Knowledge:** FinTech, Healthcare Technology, Web Development, Mobile Development, Automation Testing