

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