

Vishwanath Reddy

9100207458 | vishwanathreddy340@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

I'm a software engineer with over 3 years of experience in building scalable, high-performance applications with MERN stack. I enjoy solving complex technical challenges, improving performance at scale, and creating systems that are both efficient and impactful. I'm driven by innovation and love working with teams that value innovation.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, CSS Modules, Python.

Frontend: React, Next JS, Redux, webpack, babel, AMP, React native, context api.

Backend: Node, Express, Web Sockets/ Socket-io, MongoDB, Mongoose, REST APIs, Docker, Postgress SQL, JWT and Session authorization, schema design.

Cloud: AWS, S3, SNS, lambda, cloudflare workers and pages.

APM: Datadog, opensearch, kibana, graphana, New relic, Athena.

EXPERIENCE

Software Engineer, Quintype Technologies Pvt Ltd, Bangalore | (June 2023 - Present)

- Developed a low-code web page-builder and a **multi-tenant** application for digital media publishers to efficiently design and publish content, serving more than 100 publishers including [esakal](#), [outlook](#), [khaleejtimes](#), [westernstandard](#) etc. Supporting multi-lingual, multi-timezone, multi-device readers across the globe.
- Created **micro-frontend** applications deployed on **Cloudflare Pages**, using an adapter pattern for seamless integration across components. (contributing revenue gain of about 6-12 Lakh INR per publisher)
- Designed and implemented **RESTful APIs** with caching strategies to improve backend **performance** and response times.
- Engineered features for **rich multimedia** content delivery, enhancing reader engagement and user experience.
- Implemented a **metered paywall** system, resulting in increased **premium subscriptions** and content engagement.
- Conducted **performance optimizations** across the application, enabling clients to meet **Core Web Vitals** and boost SEO rankings.
- Spearheaded innovations that contributed to measurable revenue growth, earning a **"Shining Star Award"** for three quarters and a **"stellar award"** of the year.
- Reduced bandwidth usage and hosting costs by implementing **image optimization and resizing** techniques.
- Containerised node applications through docker and developed build test pipelines through **circle CI** configurations.
- Optimized front end assets through webpack **code splitting** to reduce load on client and optimized the loading sequence of third party scripts for quick rendering of page, reducing bounce rate of readers.
- Integrated **third party integrations** intercom chat bot for support assistance and chameleon for product tour through creatives to help publishers better understand the product and notify about recent features and enhancements.

Intern, BAL CONSULTANCY SERVICES PVT LTD, Hyderabad | (Dec 2021 - Feb 2023)

- Implemented and maintained features for multiple React-based web applications, contributing to a seamless and responsive user experience.
- Participated in code reviews and sprint planning sessions within an Agile/Scrum development environment, ensuring code quality and team alignment.

PROJECTS

- Developed an end to end [Food Delivery App](#) supporting order placing, push **notifications**, live **delivery tracking**, order **state management**, **session** management and **authentication**.
- Developed a [Chat Application](#) through **websockets** supporting **message broadcasting** in chat rooms.
- Built a [LISP interpreter](#) and a [JSON Parser](#) in Node js.

EDUCATION

Leeds Beckett University— MSc in Data Science with **Distinction** 2020 - 2021.

Osmania University— Bachelor of science. 2009 – 2013.