# Shivakumar Ummeda

Hyderabad, India | +91 9494558983 | ummedashivakumar@gmail.com | LinkedIn | Github | Portfolio

## Summary

Full Stack Developer with 2.5+ years of experience delivering scalable web applications using React, Next.js, Node.js, and TypeScript. Skilled in building REST APIs, integrating PostgreSQL/MongoDB, and optimizing backend performance. Experienced with Docker, GCP, and CI/CD workflows to create secure, high-performance solutions.

## Technical Skills

**Languages & Fundamentals:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3, Java, Object-Oriented Programming (OOP), DBMS

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, TailwindCSS, Redux, Jest, React Testing Library

**Databases:** PostgreSQL, MongoDB, Redis

**APIs & Authentication:** RESTful APIs, GraphQL, JWT-based authentication, OAuth2 authorization

**Cloud & DevOps:** Google Cloud Platform (GCP), Docker, Kubernetes, Jenkins, CI/CD pipelines

**Version Control & Collaboration:** Git, GitHub, Bitbucket

**Tools & Others:** Postman, Jira, Figma, Agile (Scrum, Kanban)

## Professional Experience

**Software Engineer**, tech.at.core                                                        Mar 2023 - Mar 2025

**Client:** BMG Rights Management (Music Domain)

- Designed and developed scalable full-stack web applications using React.js, Next.js, Node.js, and TypeScript, improving page load performance by 25% and enhancing user engagement.
- Built and optimized production-grade REST APIs, reducing API response times by 30% and improving the data reliability of backend integrations. Created API documentation, simplifying backend testing and developer onboarding.
- Integrated third-party services and real-time features (using Redis + Node.js workers), increasing the data processing speed by 15%.
- Partnered with product owners to translate business requirements into actionable user stories and acceptance criteria, ensuring alignment between development and strategic objectives; resolved 25+ key blockers.
- Managed UAT-to-production deployments with Jenkins and Kubernetes, achieving 99.9% uptime and reducing post-release critical issues by 30%.
- Wrote unit and integration tests using Jest and React Testing Library, raising code coverage to 85% and reducing production bugs by 25%.
- Conducted code reviews and mentored junior engineers, improving team productivity by 15% and accelerating onboarding through knowledge-sharing sessions.

**Software Engineer Intern**, tech.at.core                                                 Nov 2022 - Feb 2023

- Assisted in developing frontend modules using React.js and TailwindCSS, improving UI consistency and responsiveness across 5+ key product pages, reducing style inconsistencies by 30%.
- Contributed to building REST APIs in Node.js, handling basic CRUD operations and integrating with MongoDB, enabling faster data retrieval (25% improvement) for internal dashboards.
- Practiced developing full-stack applications with React.js, Node.js, and MongoDB, and deployed 3+ projects on Vercel, Render, and GitHub Pages, improving hands-on knowledge of cloud deployment practices.
- Assisted in deploying applications to cloud platforms, gaining exposure to scalability and uptime best practices.

## Projects

**Insurance Claim Investigation System**                                                              github

- Developed a MERN stack solution to automate email-driven case intake and multi-step workflows, reducing manual data entry and speeding up claim processing by 75%.
- Reduced investigator report creation time from 2–3 hours to 10-15 minutes per case through one-click report/invoice generation and centralized case management.

**Wribate – Thoughtful Conversation Platform**                                                    wribate.com

- Co-developed a scalable, user-centric app with React.js, Next.js, Node.js, and Firebase authentication to enable secure, real-time engagement.
- Designed secure REST APIs and efficient database models with MongoDB, enabling scalable, high-quality community management.

## Education

**Bachelor of Technology in Information Technology**                                                      2022

- Kakatiya University College of Engineering and Technology **-** Warangal, Telangana