

# HEMANTH REDDY TEKULA

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## SKILLS

Languages	Java, JavaScript, TypeScript, HTML, CSS, SCSS
API Development	REST, Throttling, API rate limiting, WebSockets
Framework/Tools	React, React Native, Redux, Angular, Node.js, Express, NestJS, Git, GitHub, Docker
Cloud	Amazon Web Services(AWS) - EC2, S3, Lambda
Databases	MongoDB, SQL, Redis
Development Practices	Team Coordination and Leadership, Agile, Unit Testing, Secure Code Practices

## EXPERIENCE

**Technical Lead, Inncircles Technologies | (Hyderabad, India)** Jul 2024 - Present

- Lead a team of 12 engineers to deliver 5 pivotal software features within a year, achieving 80% code coverage.
- Guided the Arena App's transition, utilizing NestJs, GRPC, and NATS, concentrating on intercommunication, authentication, and permissions, which enhanced system scalability by 30% and improved maintainability.
- Leveraged the Nested Sets Tree structure in project scheduling, slashing deletion time by 45% and enhancing data validations for superior lifecycle accuracy.
- Orchestrated bi-weekly meetings between the development and QA teams, leading to a 30% reduction in reported bugs and improved overall software quality during each release cycle.
- Stimulated a culture of continuous improvement via one-on-one mentorship, resulting in noticeably faster delivery cycles and elevated code quality.

**Senior Product Developer, Inncircles Technologies | (Hyderabad, India)** Jan 2024 - Jun 2024

- Architected a client-server application utilizing AWS SQS for instruction relay between the main server and client server and SQL for database calls, optimizing client-side effort and data access by 60%.
- Implemented a Microsoft Calendar integration using Angular and Express, which enhanced work completion calculations by 20% and optimized project scheduling workflows.
- Engineered an React-based interface mirroring Google Calendar's day view, visualizing client meetings within the internal application, providing the business team with 10-minute pre-meeting alerts, and facilitating seamless scheduling.

**Product Developer, Inncircles Technologies | (Hyderabad, India)** Jul 2022 - Dec 2023

- Drove the development of Arena Onsite in React Native, delivering improved functionality and user experience, which resulted in a significant 20% decline in application crash reports.
- Optimized data handling within Arena Onsite by implementing MongoDB Realm, enhancing offline performance by 70% and streamlining data access across diverse network conditions.
- Composed 20+ reusable Angular components for the company's design system, cutting down UI development time by 50% and simplifying complex UI builds.
- Revamped existing data models, incorporated Redis caching strategies, and fine-tuned MongoDB queries, achieving a 25% acceleration in data retrieval speeds and improved overall application performance.

**Product Developer Intern, Inncircles Technologies | (Hyderabad, India)** Jan 2022 - Jun 2022

- Transformed wireframes and UI designs into responsive web and mobile app interfaces using Angular and React Native, elevating user experience.

## EDUCATION

**Vasavi College of Engineering, B.E in Computer Science** Aug 2018 - Jun 2022

Tech Finalists: Web Design Technical Contest & Saline Monitoring System in Computer Science Department.

## PROJECTS

**Perfect Fit | Google Play**

- Conceptualized a 2D mobile strategy puzzle game, empowering players to create image-based puzzles from gallery photos, predefined collections, and real-time captured images

**CRUSHIT | Website URL**

- Designed and developed an engaging React puzzle game where players eliminate buttons based on adjacency rules, aiming to clear the screen entirely.

**rn-input-library | NPM Package**

- Created a React Native UI component library featuring reusable, props-driven components, designed for easy integration, customization, and rapid mobile development.