

# HEMANTH REDDY TEKULA

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## SKILLS

**Languages:** JavaScript, Typescript, C++, C  
**Frameworks & Libraries:** React Native, React, Redux, Angular, Node.js, Express.js, Fastify, Nest.js  
**Databases & Messaging:** MongoDB, Redis, NATS  
**Software Development:** Data Structures & Algorithms, Object Oriented Programming, Competitive Programming  
**DevOps & Cloud:** Docker, GitHub, CI/CD Pipelines, AWS (EC2, S3, Lambda)

## EXPERIENCE

**Technical Lead** July 2024 – Present  
**Inncircles Technologies PVT** HYD, India

- Led a team of developers, ensuring the timely delivery of a complex software project that surpassed client expectations.
- Redesigned the arena-app architecture, migrating from monolith to microservices with Nest JS, Fastify, Nx, and NATS, enhancing scalability and performance.
- Introduced and enforced quality assurance protocols, performing code reviews that led to a 25% reduction in bugs.

**Sr. Product Developer** Jan 2024 – Jun 2024  
**Inncircles Technologies PVT** HYD, India

- Designed and developed a client server, allowing 100% seamless access to **Viewpoint** data by integrating client databases. This solution eliminated the need for company user registration and utilized **AWS SQS queues** to enhance communication between our server and the client server.
- Improved user productivity by enhancing scheduling and workflow management through the integration of **Microsoft Calendar** into the Angular application.
- Improved application performance by integrating Redis as a caching layer, reducing database workload by 20%, speeding up data retrieval, and ensuring low-latency operations for real-time data and session management.

**Product Developer** July 2022 – Dec 2023  
**Inncircles Technologies PVT** HYD, India

- Created a new React Native app, established code standards, and implemented a shared library, streamlining the development process.
- Improved offline performance for the **'Arena Onsite'** mobile app by 50% through the development of offline functionality with **Realm**, shifting from file storage to Realm for enhanced reliability.
- Developed 30+ React Native app screens and Angular web pages, seamlessly integrating frontend and backend functionalities to handle data loads of over 100K records, improving user experience and system performance.
- Built responsive, reusable modular user interface components using React Native, Angular, HTML, CSS, and TypeScript.
- Delivered 30+ RESTful APIs with Node.js and Express.js.
- Automated over 50 user notifications and emails using Cron jobs, achieving a 95% on-time delivery rate.
- Designed 20+ optimized data models in MongoDB, ensuring efficient data organization and retrieval.
- Implemented user-specific subscriptions and access permissions, providing personalized experiences for individual users.

**Product Developer Intern** Jan 2022 – Jun 2022  
**Inncircles Technologies PVT** HYD, India

- Developed user interfaces with React Native and SCSS and optimized them by implementing lazy loading technique.
- Designed and developed a custom calendar feature for development purposes, enabling input types such as date selection and event scheduling within the React Native app.
- Delivered 10+ RESTful APIs with Node.js and Express.js.

## EDUCATION

**Bachelor of Engineering (B.E) in Computer Science Engineering**  
**Vasavi College of Engineering (VCE)** CGPA: 9.22

## PROJECTS

- Games using React and React Native CrushIt, Perfect Fit
- Package For React Native rn-input-library

## INTEREST

- Problem Solving
- Chess
- Arts
- Sports