Hemanth Reddy Tekula

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Summary

Results-driven software developer with 3+ years of progressive experience in a fast-paced software development environment. Skilled in developing responsive mobile interfaces, implementing offline functionality, and optimizing data retrieval systems. Strong team leader with a proven track record of managing cross-functional teams and fostering collaborative development. Proficient in utilizing MongoDB and Redis caching to build scalable applications that handle large data volumes. Committed to architectural excellence, performance optimization, and delivering innovative solutions that transform business workflows.

Education

Bachelor of Engineering in Computer Science

Vasavi College of Engineering   Hyderabad, India

Aug 2018 - June 2022

- **Major Concentration:** *Data Structures | Data Base Management Systems | Web Application Development | Mathematical Programming | Object Oriented Programming | Scripting Languages| Embedded Systems.*
- ***Achievements:***
  - *Awarded 2nd place for developing a Smart Saline Monitoring System in a departmental theme-based project competition hosted by the Computer Science & Engineering Department at Vasavi College of Engineering (2020-21).*
  - *Secured 3rd place in the Web Design Technical Contest organized by the Vasavi IE(I) Student Chapter (November 2020)*

Work Experience

Technical Lead

Inncircles Technologies Pvt Ltd   Hyderabad, India

July 2024 - Present

- Leading a team of 12 engineers in developing a large-scale software application, ensuring on-time delivery and maintaining exceptional client satisfaction.
- Played a key role in architecting the Arena App's migration from monolith to microservices to improve scalability and maintainability.
- Collaborating with QA teams to improve bug detection during bi-weekly release cycles, reducing bug reports by 30% and continuously enhancing overall release quality.
- Engaging with stakeholders weekly to define requirements, assess feasibility, plan sprints, prioritize use cases, manage resources, and align on release timelines.
- Engaging with stakeholders weekly to define requirements, assess feasibility, plan sprints, prioritize use cases, manage resources, and align on release timelines, ensuring a 20% improvement in project delivery times.
- Fostering a supportive team environment through one-on-ones, emphasizing culture, growth, and professional development

Senior Product Developer

Inncircles Technologies Pvt Ltd   Hyderabad,India

Jan 2024 - June 2024

- Engineered a backend client-server application to interface with client databases, using AWS SQS for command-based communication from the Arena App, streamlining data access and reducing client-side effort by 30%
- Integrated Microsoft Calendar to enable bi-directional event syncing between the app and calendar, streamlining scheduling and improving user productivity.
- Implemented Redis caching to reduce database load by 20%, speed up data retrieval, and support low-latency real-time operations.
- Collaborated with the technical team to conduct interviews, evaluating candidates' technical expertise, analytical thinking, and problem-solving approaches.

Product Developer

Inncircles Technologies Pvt Ltd   Hyderabad,India

July 2022 - Dec 2023

- Developed Arena Onsite, an enhanced version of the Inncircles Arena app, featuring improved functionality and a significantly better user experience.
- Revamped offline functionality by replacing the existing file storage system with MongoDB Realm, resulting in a 70% improvement in offline performance and enhanced reliability.
- Improved the Arena app's analytical and project tracking capabilities by reducing data retrieval time by 25% through optimizations to backend models and MongoDB queries.
- Played a key role in designing and building user-specific subscriptions and access permissions to deliver tailored experiences for individual users.
- Contributed to a scalable lazy-loading architecture for handling 100K+ records, significantly improving performance and responsiveness.
- Worked closely with the team to address the evolving requirements of the Arena construction app, successfully delivering key features both independently and as part of a collaborative team, meeting deadlines and business needs.

Product Developer Intern

Inncircles Technologies Pvt Ltd   Hyderabad,India

Jan 2022 - June 2023

- Designed and developed a custom calendar feature for the Inncircles Arena app, writing optimized and thoroughly documented code from the ground up.
- Developed dynamic and responsive mobile app interfaces in React Native, transforming wireframes and UI designs into high-quality user experiences.
- Actively collaborated with the business team to develop domain expertise, enabling me to propose effective technical solutions that aligned with business requirements and objectives.

FURTHER QUALIFICATIONS

Languages	English (business proficiency), Hindi, Telugu
Skills	JavaScript, TypeScript, C++, C, React Native, React, Redux, Angular, HTML, CSS, Node.js, Express, Fastify, NestJS, MongoDB, Redis, NATS, Data Structures & Algorithms, AWS (EC2, S3, Lambda), Git, GitHub,Docker, Team Coordination and Leadership, Agile Development Methodologies, Problem Solving, Strong Analytical Skills

PERSONAL INTERESTS

Playing Chess, Playing badminton, Watching series.