

HEMANTH REDDY TEKULA

Technical Lead

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Experience

Technical Lead

Inncircles Technologies

Hyderabad, India 07/2024 - 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, 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

Hyderabad, India 01/2024 - 06/2024

- 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

Hyderabad, India 07/2022 - 12/2023

- 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.
- 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.

Technical Skills

- **Languages** – JavaScript, TypeScript, HTML, CSS, SCSS, Java
- **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, Redis
- **Development Practices**: Team Coordination and Leadership, Agile, Unit Testing, Secure Code Practices

Education

Bachelor of Engineering

Vasavi College of Engineering

Hyderabad, India 08/2018 - 06/2022

- **Major** – Computer Science.
- **CGPA** – 9.22
- **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)