

Ramakrishna Aruva

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OBJECTIVE

- Full-stack software engineer specializing in scalable, high-performance applications. Skilled in leveraging modern frameworks to drive customer engagement and optimize user experience across diverse industries.

EDUCATION

Southern Methodist University

Master's in Computer Software Engineering

Dallas, TX

August 2023 – May 2025

CMR College of Engineering and Technology

Bachelor's in Electronics and Communication engineering

Hyderabad, India

August 2016 – September 2020

EXPERIENCE

Software Engineer

One Community Global

May 2024 – Present

Dallas(remote), TX

- Implemented lazy loading for React components and optimized API calls with Express.js and MongoDB, improving data retrieval speed by 30% and enhancing page load efficiency for a seamless user experience.
- Diagnosed and resolved critical React and Node.js issues, eliminating 95% of bugs to accelerate feature deployment. Converted class to functional components and integrated Redux, reducing state-related errors by 25% and enhancing maintainability.
- Streamlined project workflows by analyzing and refining 50+ pull requests with Jest unit tests, ensuring high code quality, minimizing production errors, and bolstering system stability.

Software Engineer

Ivy Comptech Pvt Ltd

September 2022 – August 2023

Hyderabad, India

- Engineered a profanity filter using a 100,000+ word dataset with Regex, Spring Boot, MySQL, JPA, and Angular Pipes, elevating user experience by enabling clean communication in bingo games.
- Developed a standalone chat application from an existing bingo chat using JavaScript and Docker, enabling integration into 3+ additional games (poker, casino) and centralizing user information, which improved scalability across platforms.
- Integrated Kibana and Logstash with Spring Boot and Angular for real-time log monitoring, leading to a 90% reduction in errors and streamlined production deployments.

Junior Software Engineer

Ivy Comptech Pvt Ltd

September 2021 – August 2022

Hyderabad, India

- Collaborated with a team of 10 to develop and maintain user-friendly UX/UI for 9 Angular and SASS-based bingo websites, contributing to a significant increase in user growth across European markets.
- Implemented Redis caching to efficiently retrieve old messages, along with designing advanced chat features using Socket.io and RxJS, enabling the chat application to handle 30,000 concurrent users during peak times.
- Propelled new game development, including Bingo Boom, utilizing TypeScript, Angular 14, and module federation, fueling a 20% boost in customer acquisition.

PROJECTS

QUICKHIRE Web Application for Employment Opportunities

(Java Spring Boot, React, Tailwind CSS, Redux, AWS RDS, MySQL)

[Link](#)

Feb 2024 - May 2024

- Developed a full-stack application with a team of 3 using React, Tailwind CSS, Redux, Java, Spring Boot, and MySQL. Created a platform to connect short-term employers with employees, incorporating Axios for API requests, SMTP for email notifications, and JPA for optimized data queries.

Personal Portfolio Website

(Nextjs,TailwindCSS,Javascript)

[Link](#)

September 2024 - October 2024

- Developed a responsive personal portfolio using Next.js and Tailwind CSS, leveraging server-side rendering for optimized performance and deploying via GitHub Pages to showcase professional experience, projects, and bio with seamless user accessibility.

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL (Postgres, MySQL), JavaScript, HTML/CSS, MongoDB

Frontend: React, Angular, Next.js, Tailwind CSS, Material-UI, Redux, HTML/CSS

Backend and Frameworks: Java Spring Boot, JPA, Express.js, Node.js, FastAPI, Hibernate, Socket.io, JDBC

Cloud and DevOps: AWS (EC2, Lambda, RDS), Google Cloud Platform, Docker, Kubernetes, Jenkins, Kafka, Git, Postman

Tools and Libraries: Git, Jest, IntelliJ, Visual Studio, VS Code, Eclipse, pandas, NumPy