SampathKumar
Full Stack Developer | Cloud Enthusiast

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SUMMARY

Full Stack Developer with 2.5 years of experience in designing scalable applications, building efficient APIs, and delivering end-to-end solutions. Proficient in Java, React, Spring Boot, Node, with hands-on expertise in modern cloud architecture and DevOps practices. Skilled in developing intuitive front-end interfaces and reliable back-end services, adept at working in Agile environments, fostering cross-team collaboration, and mentoring junior engineers to deliver high-quality, performance-driven software

EXPERIENCE

Full Stack Developer (1+ year)   **October 2024 – Present**
WanderOn   Gurgaon,India

- Designed and developed 2+ end-to-end Full stack application using Next.js, Redux Toolkit, Node and Mongo db, following industry best practices for scalability, maintainability, and performance.
- Designed Scalable backend REST API with Node js, supporting 1000> API calls/day, enhanced UI responsiveness using MUI, reduced page load time by ~45%
- Implemented efficient caching to ensure low latency and high throughput.
- Collaborated with cross-functional teams to ensure seamless integration and accelerated development workflows by leveraging AI powered tools (Cursor)
- Applied strong attention to detail in developing scalable web solutions using HTML5, NoSQL databases, and RESTful web services to ensure high performance and reliability.

Software Engineer (1 year and 3 months)   **July 2023 – September 2024**
Checktronix Private Limited   Chennai,India

- Spearheaded CI/CD automation in GitLab, leveraging Terraform for AWS EC2 infrastructure. Streamlined build and release workflows by automating packaging of platform-specific binaries for Windows and Linux, and used Unix shell scripting to configure Linux instances. boosting deployment speed by 40% and reliability.
- Optimized web performance by leveraging SSR for faster initial load and SEO, CSR for dynamic interactivity, and ISR for scalable page generation. Incorporated coding practices such as code-splitting, lazy loading, and image optimization to further enhance efficiency and reduce page load time
- Integrated GraphQL with DatoCMS, creating reusable GraphQL queries to efficiently fetch and manage content across components, improving maintainability and development speed.
- Created responsive and accessible UI components using Radix UI and Tailwind CSS, collaborating closely with team members to ensure smooth functionality, consistent design and used version control to manage code base.
- Followed Agile methodologies throughout the software development lifecycle to deliver reliable, high-performance solutions; actively participated in sprint, utilized Jira and Confluence for tracking and documentation, applied troubleshooting skills to resolve issues, and collaborated effectively in cross-functional teams.

SKILLS

- **Languages & Frameworks:** Java, TypeScript, JavaScript, ReactJS, Next.js, Node.js, Springboot, Spring AI, Spring Data JPA, Express.js
- **Frontend & UI:** Redux Toolkit, HTML, CSS, Tailwind CSS, MUI (Material UI), Radix UI
- **Databases & Messaging:** MongoDB, MySQL, Kafka
- **Cloud & DevOps:** Microsoft Azure, AWS, Docker, Kubernetes, Terraform, GitLab CI/CD, Jenkins, Azure DevOps
- **Testing & Monitoring:** Jest, JUnit, Prometheus and Grafana.
- **Additional Tools:** Git.

Concepts & Soft Skills:

- Agile/Scrum Methodologies
- Microservices Design Patterns
- Collaboration and Cross-Team Communication
- Design, Development, and Debugging
- Scalable Web Applications
- Data Structures and Algorithms
- Object-Oriented Programming (OOP)

EDUCATION

Government College of Engineering, Salem   Salem, India

Bachelor of Engineering   **08/2019 - 05/2023**
Computer Science Engineering

PROJECTS

TenantEasy (Next.js, Node.js, MongoDB)
 A tenant management system to manage tenants and property expenses.
- Built a role-based system for tenant management, expense tracking, and generating multiple reports.

Gift Shop (Next.js, Node.js, MongoDB)
 A full-featured e-commerce platform for online purchases.
- Developed order management, user authentication, and seamless order processing functionalities.

Task Manager (Next.js, Spring Boot, PostgreSQL)
 A full-stack container based task management application.
- Implemented scalable task management with features like analytics, filtering, and robust CRUD operations.

Patient Analyser AI Assistant (Spring Boot, Spring AI)
An AI-powered healthcare assistant that analyzes and responds to patient data queries using Spring AI.
- Implemented intelligent data retrieval and natural language responses by integrating LLM tools with structured backend logic for secure and context-aware interactions.

Chatify (React, Node.js, Socket.io, MongoDB)
 An end-to-end real-time chat application.
- Implemented real-time messaging using Socket.io, enabling seamless communication between users.