RITHIKANTH

SOFTWARE ENGINEER

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SUMMARY

Full Stack Engineer (React, Node.js, Next.js, TypeScript) with around **3.5+ years** of experience in developing scalable **frontend** and **backend** applications. Skilled in modern JavaScript frameworks, API development, and performance optimization. Experienced in building robust, maintainable codebases and collaborating in Agile teams to deliver high-quality software solutions.

SKILLS

- **Programming Languages:** JavaScript(ES6+), Typescript, Node.js, Java
- **Frontend:** React.js, Next.js, HTML, CSS, PrimeReact, IonicReact, Redux Tool Kit, Vue.js, Context(API)
- **Backend:** Nest.js, Feathers.js, Express.js, Sequelize, Prisma
- **Databases:** Postgresql, MongoDB
- **Cloud Platforms:** AWS
- **Testing Frameworks:** Jest
- **Others:** Git, Docker, Agile Methodology, Webpack, Vite, Jira
- **Languages:** English(Business Fluent), German(A2), Tamil(Native)
- **Certifications:** German Language (A2 Level) - Goethe Certified.

EXPERIENCE : Software Engineer, Ideas2it - June 2022 to PRESENT

PROJECTS

ClairGlobal

Enterprise Project Management Platform | May 2024 - Present

- Modernized a legacy system into a scalable React 19 (TypeScript) application, improving performance, maintainability, and user experience.
- Leveraged Cursor with Generative AI to accelerate code transformation, significantly developer productivity.
- Developed dynamic, responsive UIs with React 19 and Material-UI v7, and implemented data grids using Handsontable.
- Optimized real-time synchronization with TanStack Query, ensuring reliable and efficient data handling at scale.
- Enforced type safety and validation with Zod, improving reliability and reducing runtime errors.
- Enhanced API communication with Axios interceptors, ensuring consistency and security.
- Improved performance through lazy loading, bundle/code splitting, and memoization, reducing load times.
- Automated CI/CD pipelines with testing, linting, and deployments for enterprise-grade readiness.
- Collaborated with cross-functional teams to deliver secure, production-ready deployments with optimized workflows.
- Reduced legacy migration time by leveraging Cursor + GenAI, increasing scalability and maintainability.

Digital Notary
Notarization Platform │ Jan 2024 - Apr 2024

- Engineered a secure digital notary platform enabling users to notarize and verify documents online, integrating Stripe payments to handle 1,000+ monthly transactions with reduced fraud risk.
- Enhanced video call reliability by 15% through optimized AWS Chime integration.
- Built reusable frontend components in React, reducing feature delivery time by 25%.
- Implemented Onfido-based identity verification, cutting fraud by 25%.
- Improved Webpack builds, reducing page load times by 20% for seamless user experience.

Protocol Labs
Networking Platform │ Mar 2023 – Dec 2023

- Developed scalable APIs using Nest.js, enabling efficient management of 10,000+ records.
- Leveraged Next.js SSR to boost SEO rankings by 30% and improve first paint load time.
- Achieved 90% test coverage with Jest, reducing critical bugs by 35%.
- Automated CI/CD pipelines, cutting deployment time by 40% and reducing manual effort.

Inhouse OKR - Software Engineer, Ideas2it
OKR Management Platform │ Jul 2022 – Feb 2023

- Enhanced mobile user engagement by 20% using IonicReact.
- Designed and developed backend using Feathers.js, Sequelize, and PostgreSQL, ensuring secure and efficient data management.
- Reduced API call frequency by 30% with Redux for optimized state management.
- Delivered the product 2 weeks ahead of schedule through cross-functional collaboration.

EDUCATION

Bachelor of Engineering in Electrical and Electronics Engineering

Bannariamman Institute of Technology, Erode. (GPA: **89**)