

SHANKAR RAVI

📍 Chennai, Tamil Nadu, India ✉ shankaravi6.india@gmail.com ☎ 07871676150 🌐 in/shankaravi6 🌐 shankaravi6.wixsite.com/portfolio

SUMMARY

- 2.5+ years of experience in building dynamic and interactive user interfaces using React.js with JavaScript, HTML, CSS, and Styled Components.
- Strong experience in state management using Redux, Redux Toolkit, and React Context API for scalable React.js applications
- Good proficiency in creating RESTful web services using Node.js and .NET Core API with Microservice architecture.
- Proficient in developing full-stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Involved in all phases of the Software Development Life Cycle (SDLC), leveraging Agile Methodology and participating in Scrum sessions to ensure timely delivery of projects.

EXPERIENCE

Senior Software Engineer

Gavs Technologies

September 2024 - Present, Chennai

- Optimized React.js performance, improving load times by 15% using lazy loading, memoization, and virtualization.
- Implemented efficient Redux state management, reducing unnecessary re-renders and optimizing API calls for scalability.
- Deployed and managed applications on AWS, utilizing API Gateway, EC2, and Lambda for cost-effective scaling.

Software Engineer

Novac Technology Solutions

June 2022 - September 2024, Chennai

- Built scalable web applications with React.js, .NET Core API, and Node.js, improving UI performance and reusability.
- Designed and deployed Microservices architecture with MySQL & MongoDB on AWS, enhancing uptime to 99.9% and system scalability.
- Enhanced team collaboration and workflows, reducing task completion time by 20% using JIRA, Bitbucket, and Agile methodologies.

SKILLS

Programming Languages: JavaScript, C#

UI/ UX : Figma, Spline 3D

Frontend: HTML, CSS, SCSS, JQuery, React JS, Next JS

Mobile App Development: React Native

Backend: Node JS, .NET Core, GraphQL

Database: MySQL, MongoDB

Deployment & Hosting: AWS, Netlify, Render

Domain Knowledge: Insurance, Healthcare

PROJECT

Portfolio Management System

Novac Technology Solutions • April 2023 - August 2024

- Oversaw asset management at Shriram AMC, ensuring compliance with SEBI regulations and industry standards.
- Developed a high-performance web application using Next.js (SSR) for the frontend and Node.js for backend API services, improving response times by 30% with a Redis cache system.
- Implemented Python for specific data analytics, optimizing data processing efficiency.
- Employed PostgreSQL and MongoDB for data storage, reducing query execution time by 25% and ensuring efficient log management.
- Built GraphQL APIs for efficient data querying and flexible client-server communication.

Online Insurance Portal

Novac Technology Solutions • July 2022 - March 2023

- Developed an Online Insurance Portal for agents and customers, enabling effortless comparison and purchase of Fire and Burglary insurance policies.
- Utilized ReactJS for the front end and .NET Core API & Node.js for the backend services, improving API response times by 25%.
- Employed MySQL and MongoDB for data storage and management.
- Improved state management with Redux, reducing re-renders by 30%, and integrated third-party MUI (Material-UI) for better consistency.
- Implemented a secure and reliable payment gateway for seamless transactions.

EDUCATION

Master of Computer Applications (MCA)

Minor in Computer Applications • Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University (SCSVMV) • Kanchipuram • 2022
• GPA: 9.75

Bachelor Degree of Computer Science (B.SC Computer Science)

Minor in Computer Science • Sri Sankara Arts and Science College (Madras University) • Kanchipuram • 2020 • GPA: 7.66

PUBLICATIONS

AI-Powered Dynamic Content Management

<https://tesseractui.netlify.app/> • October 2024 - March 2025

- AI-Powered Dynamic Content Management – Automates content handling with intelligent features, improving content generation efficiency by 50%.
- ShadCN UI & Redux Toolkit – Provides a modern, responsive, and state-managed interface for seamless user experience.
- Node.js Backend with Dynamic Form Creation – Ensures scalability and flexible form generation, reducing form setup time by 40%.

Multi-Platform Application

<https://silo-app.netlify.app/> • January 2024 - March 2025

- All-in-One Platform – Combines Blog, E-commerce, and LMS, increasing user engagement by 40% due to seamless integration.
- Optimized & Scalable Backend – Microservices architecture with optimized MongoDB improves query performance by 60% and reduces response time by 30%.
- Dynamic UI & Performance Metrics – Styled-components enhance UI flexibility, while integrated metrics boost conversion rates by 25% and track real-time user interactions.

CERTIFICATIONS

Building Containerized Applications on AWS by AWS

Coursera

Introduction to Generative AI by Google Cloud

Coursera

Advanced React by Meta

Coursera