

# NIHAL SHAMEEM

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## Summary

Senior Software Engineer with 5+ years of experience in full-stack development, specializing in React.js, Next.js, TypeScript, and Laravel.

Proven track record of leading projects, implementing secure authentication methods, and collaborating across teams to deliver optimized and scalable web applications.

Skilled in building scalable and maintainable solutions, with expertise in integrating payment APIs and optimizing web performance.

dedicated to mentoring junior developers and promoting professional growth in dynamic environments.

## Technical Skills

**Programming Languages:** HTML, CSS, JavaScript, TypeScript, PHP, SQL

**Frameworks & Libraries:** React.js, Next.js, Laravel, Redux, Tailwind CSS, Bootstrap, Ant Design

**Tools:** VS Code, Postman, Chrome DevTools, Git

**Methodologies & Practices:** Agile Development, API Integration, RESTful Services, Cloud Deployment, API Development

**Databases:** MySQL, MongoDB

## Experience

### Novac Technology Solutions

**August 2022 – Present**

*Senior Software Engineer*

*Chennai, Tamil Nadu*

- Led the development of web applications using React.js, Next.js, and TypeScript, focusing on creating scalable and performant solutions.
- Implemented session-based authentication and JWT authentication for secure user access across multiple projects.
- Developed dynamic components and responsive designs.
- Integrated payment-related APIs, such as Stripe and Razorpay, to enable secure online transactions.
- Collaborated with cross-functional teams to deliver projects like the SGI Insurance and Marine portals.
- Designed and optimized APIs and data storage solutions using MySQL and MongoDB, improving application performance and scalability.
- Built CMS solutions for efficient content management.
- Ensured code quality and maintainability through rigorous testing, debugging, and adherence to best practices.
- Worked on the deployment and hosting of applications on cloud platforms, focusing on reliability and performance.

### Ellantec Pvt. Ltd.

**May 2021 – July 2022**

*Software Developer*

*Tirunelveli, Tamil Nadu*

- Developed RESTful APIs using Laravel to support the backend requirements for the Ellan Food mobile application.
- Implemented secure JWT authentication for both customers and drivers, ensuring efficient user access management.
- Collaborated closely with the mobile app development team to integrate APIs seamlessly into the Flutter-based application.
- Optimized API performance and resolved issues to ensure smooth data flow between the mobile application and backend services.
- Documented APIs and provided comprehensive support to developers for effective integration and troubleshooting.

### IT Flex Solutions

**March 2020 – December 2020**

*Software Developer*

*Madurai, Tamil Nadu*

- Developed and maintained responsive web pages using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and adherence to web standards.
- Converted Photoshop designs into pixel-perfect HTML pages, accurately reflecting design specifications.
- Collaborated with designers and project managers to ensure the seamless execution of website layouts and functionality.
- Optimized website performance through efficient coding practices and regular debugging.
- Ensured high-quality user experiences by conducting usability testing and addressing feedback promptly.

## Projects

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### Reinsurance Project | *Next.js, React.js, TypeScript*

- Developed and maintained the front-end of a reinsurance application using Next.js, React.js, and TypeScript, ensuring seamless user experiences across devices.
- Implemented reusable components and modular design patterns to improve code maintainability and scalability.
- Collaborated with the backend team to integrate APIs, ensuring efficient data flow and functionality.
- Enhanced the application's performance by optimizing rendering techniques and adhering to best practices for Core Web Vitals.

### Marine Insurance Project | *Laravel, PHP, MySQL*

- Developed the front-end for the marine insurance policy declaration system, adhering to strict deadlines for project delivery.
- Implemented calculations for policy proposals and policy enhancements, ensuring accuracy and reliability.
- Designed and integrated APIs for user creation, providing external stakeholders with seamless access to system features.
- Automated email triggers for policy enhancements, keeping SGI stakeholders informed of updates.

### SGI Insurance Website | *Node.js, Express.js, Lumen, MySQL, MongoDB*

- Developed the front-end for insurance journeys, including four-wheeler and two-wheeler insurance flows, ensuring an intuitive and user-friendly experience.
- Implemented cookie-based authentication for secure session management across all user interactions.
- Collaborated on creating a CMS for managing content dynamically, enhancing scalability and content updates.
- Optimized online transactions for better performance and ensured secure payment processes.

## Education

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**National College of Engineering - Anna University**

*Bachelor of Engineering in Computer Science*

**August 2014 – April 2018**

*Tirunelveli, Tamil Nadu*