# Nihal Shameem

Senior Software Engineer

Seasoned software engineer specializing in web development across multiple frameworks, adept at delivering scalable and innovative solutions.

## Contact Info

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**My Portfolio**

## SKILLS

HTML, CSS, JavaScript and TypeScript

Node.js, Express.js, React.js, Next.js and Axios

RESTful API Development

Git and GitHub

MERN

React redux

Typescript

AWS S3 bucket

SQL and NoSQL Programming

Agile Methodology

Full stack development

Python Programming

Jira and Bitbucket

PHP, Laravel and Lumen

Bootstrap and jQuery

Communication and Teamwork

Time management and Adaptability

Back end development

## LANGUAGES

Tamil and English

## Personal Details

**DOB:** 02/06/1996

**Nationality:** Indian

## EXPERIENCE

### Novac Technology Solutions, Chennai — *Senior Software Engineering*

August 2022 - PRESENT

Expertise in developing and maintaining full-stack web applications using Node.js, Express.js, Laravel, MySQL, and Lumen.

Design and implement RESTful APIs to ensure seamless communication between front-end and back-end systems.

Manage and optimize MySQL databases for efficient data storage and retrieval.

Collaborate with cross-functional teams to analyze requirements and deliver high-quality software solutions.

Actively participate in code reviews and continuous improvement initiatives to enhance code quality and development processes. Currently leading a project utilizing Next.js with React and TypeScript, focusing on building scalable and maintainable front-end applications.

### Ellantec, Tirunelveli — *Software Developer*

May 2021 - July 2022

Proficient in Django, Laravel, REST API, React, MySQL, and MongoDB.

Develop and maintain web applications using a diverse tech stack, including Django, Laravel, and React.

Design and implement RESTful APIs to ensure seamless integration between front-end and back-end systems.

Manage both relational (MySQL) and NoSQL (MongoDB) databases for efficient data storage and retrieval.

Successfully led and contributed to projects in the restaurant and B2B domains, delivering robust and scalable software solutions tailored to industry-specific requirements.

### IT Flex Solutions, Madurai — *Frontend Developer*

March 2020 - December 2020

Proficient in HTML, CSS, JavaScript, PHP, and jQuery.

Design and develop user-friendly interfaces and experiences.

Implement dynamic and interactive features using JavaScript and jQuery.

Collaborate with backend developers to integrate frontend with server-side logic.

### Wicmad Technologies, Tirunelveli — *Web Designer and developer*

January 2019 - February 2020

Proficient in HTML, CSS, JavaScript, PHP, Laravel, MySQL, and Illustrator.

Create visually appealing and responsive web designs using HTML, CSS, and Illustrator.

Develop interactive web applications with dynamic functionalities using JavaScript and PHP.

Utilize Laravel framework for efficient backend development and MySQL for database management.

## EDUCATION

### National college of engineering, Tirunelveli — *BE, Computer Science*

2014 - 2018

### St. John's higher secondary school, Tirunelveli — *SSLC, Computer Science*

2012 - 2014

## PROJECTS

### Portfolio Website — Built using Next.js, React, and TypeScript

The portfolio website showcases my professional experience, projects, and skills in a clean and user-friendly manner. It serves as a digital resume and a platform to display my work to potential employers and clients.

Key Features:

- Developed with Next.js for server-side rendering and optimized performance.
- Used React and TypeScript for building dynamic and type-safe components.
- Integrated Ant Design for consistent and responsive UI elements.
- Initially hosted on a platform that did not support Node.js applications, so converted the site to a static website.
- Created an API subdomain using Laravel 9 to handle contact form submissions.
- Implemented a custom fetch function to handle API requests efficiently.
- Hosted on a reliable platform to ensure high availability and performance.
- Ensured responsive design for optimal viewing on various devices, including laptops, tablets, and mobile phones.
- SEO optimized to improve visibility on search engines.

### SGI Insurance Website — *Build using node.js, express.js and lumen*

The SGI Insurance Website is developed as a user-centric online platform utilizing Node.js with Express.js for frontend and Lumen framework for backend. MongoDB and MySQL are employed for robust data management.

Key Features:

- GCCV & PCCV Insurance Journeys: Implemented by incorporating comprehensive coverage and transparent cash value calculations.

**Gender:** Male

**Religion:** Muslim

## ACHIEVEMENTS

**Rapid Adaptation to Django API Development**

Successfully transitioned to Django API development within one week at Ellantec, showcasing rapid learning ability and adaptability to new technologies.

**Rapid Delivery of Call-Center Project**

Successfully delivered a comprehensive call-center project for private car insurance journey within a challenging two-week deadline, demonstrating efficient project management and problem-solving skills.

**Fixed Duplicate Payment Bug in SGI Insurance Project API**

Resolved critical bug within SGI project's insurance journey payment API, eliminating duplicate payment initiation post-lead conversion by conducting thorough status updates and code analysis, ensuring seamless transaction processing.

## Software

**Programming Languages:** JavaScript (ES6+), HTML5, CSS3

**Frameworks/Libraries:** React.js, Node.js, Express.js, Laravel, Lumen

**Databases:** MongoDB, MySQL

- Four-Wheeler & Two-Wheeler Journeys: Worked extensively on the development and enhancement of these insurance journeys.
- Call-Center Assisted Four-Wheeler Journey: Played a pivotal role in implementing features facilitating smoother interactions between customers and call center agents.
- CMS Development: Contributed to the development of the Content Management System (CMS) for efficient content creation, editing, and publishing.
- Secure Online Transactions
- Responsive Design
- Performance Optimization

The website serves as a seamless hub for users to explore, purchase, and manage insurance policies efficiently, enhancing SGI's online presence and customer engagement.

## Ellan Taxi Management System — *Build using Laravel php and flutter*

Ellan Taxi Management System optimizes taxi services through Laravel backend development and MySQL database management.

Key Contributions:

- Backend Development: Leveraged Laravel for robust backend functionality.
- Database Management: Ensured efficient data storage and retrieval using MySQL.
- Ride, Driver, and Vehicle Management: Streamlined operations for improved efficiency.
- Fare Calculation and Billing: Implemented transparent fare calculation algorithms.
- Admin Dashboard: Provided comprehensive analytics for monitoring system performance.

The system aims to enhance taxi service management, catering to both service providers and customers.

## Ellan Food Delivery Web App — *Build using reactjs and Django*

The Ellan Food Delivery Web App offers a streamlined food ordering experience for users while providing efficient management capabilities for administrators.

Key Features:

- React.js Frontend: Developed interactive and responsive user interface components.
- Django Backend: Implemented RESTful APIs for seamless data communication.
- MySQL and MongoDB Database Integration: Managed structured and unstructured data efficiently.
- CMS Integration: Enabled administrators to manage restaurant listings and content.
- Order Management: Facilitated order processing, tracking, and delivery status updates.
- User Authentication: Implemented secure user registration and login functionalities.
- Admin Dashboard: Provided administrators with tools to monitor activities and manage restaurants.
- Responsive Design: Ensured optimal performance across various devices and screen sizes.

**Version Control:** Git, GitHub, Bitbucket

**Agile Software/Methodologies:** Jira, Agile Scrum

**RESTful APIs:** Design, Development, Integration

**Backend Frameworks:** Node.js, Express.js, Laravel

**Package Managers:** npm, Yarn, nvm

**Task Runners:** Webpack