

Vigneshwaran M

vigneshwaranfullstack@gmail.com | +91 98652 50912 | Madurai, Tamil Nadu, India | LinkedIn:  
<https://www.linkedin.com/in/vigneshwaran-m-0a077b371/>

## Professional Summary

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## Professional Summary

Enthusiastic and solution-driven Full Stack Developer with hands-on experience in building scalable, production-ready web applications using Java (Spring Boot) and React.js/Next.js. Skilled in developing backend microservices, integrating Kafka-based messaging systems, and crafting responsive frontend components using Tailwind CSS. Previously worked in Quality Engineering, bringing a strong foundation in structured problem-solving and process optimization. Eager to contribute to impactful products using modern tech stacks.

## Technical Skills

Frontend: React.js, Next.js, Tailwind CSS, GWT

Backend: Java, Spring Boot, Quarkus, Spring Security

Messaging/Streaming: Kafka

Database: PostgreSQL (PSQL)

Other Skills: REST APIs, Git & GitHub, JSON, Agile, Debugging

CS Concepts: Data Structures and Algorithms (DSA)

## Professional Experience

Full Stack Developer

Lcube Innovative Solutions, Chennai | Jan 2023 - Present

- Built and enhanced full-stack enterprise apps using React.js, Spring Boot, and PostgreSQL
- Integrated Kafka for asynchronous messaging and event-driven architecture

- Refactored GWT legacy applications for performance and maintainability
- Used Next.js and Tailwind CSS to build dynamic, responsive UIs

Associate Engineer - Quality (IPQC & Supplier)

Sundaram Fasteners Ltd., Chennai | Oct 2020 - Jan 2023

- Led quality improvement initiatives and implemented process optimizations
- Awarded "Best Employee of the Month" (May 2022)
- Coordinated supplier audits and corrective action processes
- Transitioned from mechanical engineering to software development with focused training

## Projects

### 1. Enterprise Web Portal

Stack: Java, Spring Boot, PostgreSQL, React.js, Kafka

- Built a secure portal for internal workflow and approvals
- Kafka used for real-time messaging between microservices
- Frontend with responsive UI using Tailwind and role-based access

### 2. GWT App Optimization

Stack: Java, GWT, REST APIs

- Refactored legacy modules, integrated modern REST APIs
- Improved load time and added JSInterop dynamic behavior

### 3. Personal Portfolio Website

Stack: Next.js, Tailwind CSS

- Built a modern portfolio showcasing projects and skills
- Deployed using Vercel with responsive, accessible design

## Certifications

Core Java & Advanced Java - Softlogic Academy (Aug 2022 - Dec 2022)

Product Design and Innovation - NPTEL (Aug 2018 - Sep 2018)

Junior Grade Typewriting (English) - Distinction (Feb 2019)

## **Education**

B.E. Mechanical Engineering - Sethu Institute of Technology, Madurai (2016 - 2020) | CGPA: 8.38

HSC - State Board - M.N.U Jayaraj Nadar Hr. Sec. School (2015 - 2016) | 81%

SSLC - M.N.U Jayaraj Annapackiam Matriculation School (2013 - 2014) | 93%

## **Languages**

English - Full Professional Proficiency

Tamil - Native Proficiency

## **Interests**

Software Architecture & Clean Code

Dev Tools & Debugging

AI-integrated Full Stack Development

R&D in Tech and Innovation