

# L.Niranjan

#Full stack Software Developer

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 <https://niranjan-bayek.github.io/portfolio/>

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## Profile

Proficient in C, C++, Java, JavaScript, Python, PHP, HTML5, CSS3, MySQL, Hibernate, Spring, and Data Structures & Algorithms. Skilled in building scalable web applications with strong problem-solving abilities. Currently learning DevOps practices, AWS deployment, and cloud infrastructure to broaden expertise. Targeting deeper knowledge in Linux system administration and malware analysis as the next objective. Passionate about continuous learning and adopting best practices in software development and cybersecurity.

## Education

10 <sup>th</sup> SSLC	Cluny Matric HSC, Katpadi	75%
12 <sup>th</sup> Higher Secondary	Kingston Matric HSC, KPD	54%
Bachelor's Degree	Voorhees College, Vellore	93.5%
Master's Degree	VIT University, Vellore	Pursuing

## Projects

### 1. Serverless To-Do List Application using Java Maven, Swing, and Email Integration:

A desktop-based application built using Java Swing for the user interface and Maven for dependency management. The application performs CRUD operations (Create, Read, Update, Delete) to manage tasks and integrates email functionality to send reminders, ensuring seamless task organization and notifications without a backend server.

### 2. "Vaultify" – A Secure Web Vault :

<http://www.vaultify.infinityfreeapp.com/>

A secure web-based vault for managing and storing passwords online. Features a user-friendly interface with secure login, sign-up, and dashboard. Users can save, modify, and retrieve passwords from a protected database. Includes a three-factor authentication system for password recovery: reset link, OTP verification, and security questions.

## Skills

Programming Language



Web Development



Database Management



Mobile App Development



Software Tools



## Certificates

1. GNIIT: C++ & Java Programming
2. GNIIT: Data Structures & Algorithms
3. GNIIT: JSP and Hibernate Implementation
4. GNIIT: Spring in Java EE Applications
5. GNIIT: HTML5 & CSS3 Programming
6. GNIIT: Web Applications with Servlets & JSP
7. GNIIT: Relational DBMS & SQL Server
8. GNIIT: Professional Skills 1

## Languages Known

English

Tamil

### 3. Dynamic Quiz Management System: A Spring Boot & Thymeleaf Web Application with Admin Controls and Seamless Email Integration.

I developed a web-based Quiz Management System as an individual project, utilizing Spring Boot 3.5.0, Java 17, and MySQL 8.0.36 with JDBC integration for database connectivity, alongside a responsive HTML5/CSS3 front-end. This intermediate-level application includes user and admin modes, enabling users to participate in quizzes with time and age restrictions, while admin mode can manage quiz configurations, questions, and export user results in PDF or TXT formats. The system features Java SMTP-based email integration to deliver instant results and provides a polished UI/UX, presenting it as an impressive intermediate-level web application.

### 4. Personal Portfolio Website:

Built a simple portfolio website from scratch using HTML, CSS, and a bit of JavaScript as my first UI/UX practice project. Implemented basic dynamic effects and a clean layout to practice web fundamentals. Designed it to experiment with responsive design and user-friendly navigation.

## Work Experience

2022 - 2023

AGS Health



Joined as a Medical Coder and worked as an Incomplete Record Analyst (IRS), later leading a project for six months. Pursued six months of experience in medical billing, delivering benchmarks and improving production and quality. Proficient in ITES software such as Citrix, Salesforce, and Epic.

2024 - 2025

NIIT Limited



Taught stack web and application development, along with the Microsoft Office Suite, at NIIT (National Institute of Information Technologies) for aspiring developers. Possessed expertise in hands-on PC building and lab technology, providing practical skills and technical guidance in both hardware and software domains.

## Future Objective

Looking to grow my skills in networking, cybersecurity, malware analysis, reverse engineering, and penetration testing. I'm excited to work on projects that make systems more secure and protect digital spaces.