

Niranjan Lakshmanan

BCA Bachelor of Computer Application

DSE Diploma in Software Engineering

Profile

Proficient in C, C++, Java, JavaScript, Python, HTML5, CSS3, MySQL Database, Hibernate, Spring, and Data Structures and Algorithms. Experienced in developing and maintaining web applications using modern web technologies and robust backend frameworks. Demonstrates strong problem-solving abilities and expertise in designing efficient, scalable solutions. Committed to continuous learning and applying best practices in software development.

Work Experience

○ 2022 - 2023

AGS Healthcare

Medical Coder | Process Associate

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 - Current

NIIT

Faculty | Lab-Tech

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

Projects

- **Movie Ticket Booking System:** Developed a website using HTML5, CSS3, and JavaScript for dynamic behavior, with backend connectivity through PHP and MySQL.
- **Tour Booking and Management (Java):** Built a command-line application leveraging OOP concepts, string manipulation, Java File Handling, MySQL, and JDBC API for database operations.
- **Sonar Motion Alert System (IoT, Arduino):** Developed an IoT project using an Arduino UNO R3 microcontroller, servo motors, sonar sensors, and buzzers, connected via a breadboard. The system was programmed with embedded C++ to create a functional motion detection alert system.

Interests & Hobbies

Personally interested in soundtracks over traditional songs, with a willingness to pursue studies in diagnostic medicine, particularly nephrology. Inspired by stargazing, astrophysics, and cosmology, while also having a keen interest in exploring ancient Egyptian civilization and its contributions.

Contact

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Vellore, TN, India.

Education

- **XII HSC**
Kingston Matric Higher Secondary School
Completed in 2019
- **BCA - Degree**
Voorhees College Vellore
Completed in 2022

Certifications

- GNIIT: C++ & Java Programming
- GNIIT: Data Structures & Algorithms
- GNIIT: JSP and Hibernate Implementation
- GNIIT: Spring in Java EE Applications
- GNIIT: HTML5 & CSS3 Programming
- GNIIT: Web Applications with Servlets & JSP
- GNIIT: Relational DBMS & SQL Server
- GNIIT: Professional Skills I

Skills

- Problem Solving
- Analytical Thinking
- Creative Designing
- Excellent communication

Languages

Tamil

English