

# Nikhil Nedungadi

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## PROFESSIONAL SUMMARY

Dedicated and ambitious computer science student passionate about innovative problem-solving and cutting-edge technologies. Possessing a strong foundation in programming languages such as Java, Python, and C++, along with knowledge of data structures and algorithms. Skilled in team collaboration, delivering high-quality solutions, and adapting to new challenges. Eager to leverage academic knowledge and practical skills to contribute effectively to a dynamic work environment.

## INTERNSHIP

### Hitachi

June 2024 – August 2024

*Research & Development Intern*

*Bangalore, India*

- Developed a real-time multi-user chat application using React and Socket.IO with bot integration and WebSocket communication.
- Built a dynamic job listing platform featuring real-time updates, search filters, and CRUD operations, leveraging JSON Server and Tailwind CSS.
- Created an interactive, responsive personal resume website using React, focusing on user-friendly design and clean UI.

## EDUCATION

### Vellore Institute of Technology (VIT)

September 2022 – Present

*B.Tech in Computer Science and Engineering*

*Vellore, India*

### Sindhi High School

March 2022

*Higher Secondary Education (Class 12)*

*Bangalore, India*

### Sindhi High School

March 2020

*Secondary Education (Class 10)*

*Bangalore, India*

## KEY SKILLS

**Programming Languages:** C++, R, Python, Java, C, JavaScript, HTML, CSS

**Frameworks and Libraries:** React, Front-End Development, Socket.IO API, JSON Server, Tailwind CSS

**Domains:** Web Development

**Databases:** MySQL, SQL

**Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Machine Learning, Generative Ai, Artificial Intelligence

## CERTIFICATIONS & EXTRACURRICULAR ACTIVITIES

Supervised Machine Learning: Regression and Classification - Badge Issued by Stanford University, DeepLearning.AI (January 2025)

Artificial Intelligence Fundamentals - Badge Issued by IBM (April 2024)

Generative AI for Business Leaders - Badge Issued by IBM (April 2024)

Winner, Hack the Hackathon – Ideathon (September 2022): Proposed a wallet system for shuttle bus payments with promotions (e.g., 5 free rides on a 40-ride recharge) and QR-based driver verification.