

NITHIN KUMAR KUNCHALA

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EDUCATION

PVPSIT

B.TECH IN DATA SCIENCE

Expected Graduation: August 2026

Cum. GPA: 9.08 / 10.0

ACHARYA JUNIOR COLLEGE

INTERMEDIATE

Graduated: April 2022

Cum. Marks: 973 / 1000

LINKS

LinkedIn:// *nithinkumarkunchala*

GitHub:// *nithin7204*

LeetCode:// *BinaryTrailblazeX*

COURSEWORK

UNDERGRADUATE

Object-Oriented Programming

Analysis and design of Algorithms

R-DBMS

Data Structures

Machine Learning

Operating Systems

Software Engineering

Version Control with Git

SKILLS

PROGRAMMING

LANGUAGES

- Advanced: Java, C
- Intermediate : Python , C++
- Novice : JavaScript

TOOLS

- Git
- Linux
- Docker

FRAMEWORKS AND LIBRARY

- scikit-learn
- TensorFlow

TECHNOLOGIES

- HTML • CSS

DATABASES

- Relational Database : MySql
- NoSQL Database : MongoDB

EXPERIENCE

HACKATHON EXPERIENCE

STOCK PREDICTION USING SENTIMENT ANALYSIS

Web Scraping & AI Hackathon | [Aug, 2024]

- Developed a model combining financial forecasting and sentiment analysis to make trading decisions.
- Predicted stock closing values using historical data and financial indicators.
- Implemented sentiment analysis on news and social media to assess stock sentiment.
- Provided recommendations to buy, hold, or sell stocks based on combined predictions.

PROJECTS

NOTEPAD CLONE

- Developed a Notepad clone using Java Swing with a user-friendly interface.
- Implemented essential features including file creation, opening, and saving, ensuring a smooth text editing experience.
- Improved application responsiveness, resulting in a smoother and more efficient user experience.
- Demonstrated proficiency in Java desktop application development with a focus on performance optimization.
- Technologies: Java Swing. .

ALGORITHM VISUALIZER

- Created a web-based tool to visualize different algorithms and their processes.
- Provided interactive visualizations to help users understand sorting processes and algorithm efficiency.
- Built using JavaScript, HTML, and CSS for a straightforward and responsive interface.
- Enabled users to observe the sorting of up to 100 data elements in real time.

Technologies : JavaScript, HTML, CSS ..

SMART E-COMMERCE PLATFORM (IN PROGRESS)

- Developing a full-stack e-commerce platform with basic product management and search features.
- Incorporating an optional recommendation system to enhance user experience based on browsing history.
- Focused on creating a user-friendly interface and ensuring smooth functionality.
- Aiming for reliable performance and a simple, scalable design suitable for small to medium-sized use cases.

Technologies : MySQL, Java (Spring Boot), React.

CERTIFICATIONS

- Algorithms by Princeton University .
- Andrew NG's Machine Learning .
- Mastering Data Structures & Algorithms using C and C++
- Database Management Essentials

ACHIEVEMENTS

- Top 5% on LeetCode.
- Volunteer for Diabetes Awareness Project:
- Ranked 6th Statewide in Intermediate 1st Year