

NANDITHA V

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Objective

Detail-oriented **BCA Graduate** skilled in **data analysis**, **process coordination**, and **operational accuracy**. Proficient in **Excel**, **SQL**, and **Python** to improve efficiency and support business growth. Seeking a **Full-Time Operations Analyst** role to contribute to data-driven performance and continuous improvement in a collaborative environment.

Education

Mount Carmel College, Bangalore
BCA | Expected Graduation: 2026 | CGPA: 8.17

Jyothi Nivas Pre-University, Bangalore
PCMB | 2023 | Percentage: 76%

Nirmala Rani High School, Bangalore
Class X | 2021 | Percentage: 72%

Internship

Cybersecurity & Threat Intelligence Intern | **Larsen & Toubro** | May to July 2025

- Conducted **threat intelligence analysis** to identify patterns, vulnerabilities, and security risks.
- Simulated **EDR-style endpoint monitoring**, documenting detection logic and edge cases for reliability testing.
- Collaborated with engineers to propose **secure coding and monitoring practices**.
- Co-authored **incident response runbooks**, improving clarity and reducing mean time to resolution (MTTR).

Projects

Finance Tracking System (C#, SQL, HTML/CSS, Figma) web site:

Full-stack, SQL indexing, APIs, input validation.

Data Mining & Image Processing Research: Conducted research traffic congestion prediction, and digital image forgery detection using data mining, analytics, and feature extraction techniques.

Responsive Web Page (HTML, CSS): Developed responsive, accessible UI with semantic structure.

AI-Powered Spam Detection (Python, NLP, ML): Trained supervised ML model, optimized for accuracy, added unit tests, and exposed service API.

Custom EDR Simulation (Python, C#): Endpoint monitoring prototype with behavioural rules and secure coding practices.

Keylogger Simulation: Controlled PoC for secure input handling and least-privilege design.

Certificate course

Big Data Analytics – IBM cognitive.ai

Google Cybersecurity Professional Certificate – Coursera

Machine Learning - Kaggle

Finance & Accounting | Advanced Microsoft Tools – Udemy

Technical Skills

Databases: Data Mining and data analytics, SQL (Joins, Indexing, Normalization, Transactions)

Languages: Python, Java, C, C#, HTML, CSS, JavaScript

Data Structures & Algorithms: Arrays, Trees/Graphs, Hashing,

Dynamic Programming; Complexity Analysis: $O(n)$, $O(n \log n)$

DevOps & Tools: Git/GitHub, Cloud Basics (AWS, Azure, GCP)

Testing & Quality: Unit Testing (Selenium, JIRA) Debugging, Documentation

Security & Reliability: Input Validation, Authentication, Endpoint Detection & Response (EDR), Defensive Coding

Co-Curricular Activities

Student Council, NSS & Scouts: Led initiatives and organized events, demonstrating leadership and teamwork.

Team Captain & Debates/Performing Arts:

Strengthened communication, public speaking, and collaboration skills.

Family Business Support: Managed operations, showcasing accountability and time management.