



# Nityanand Tamsoy

nityanandtams0y17@gmail.com | 6202849500

## Links:

Github:-

<https://github.com/Nityanand6947>

LinkedIn:-

<https://www.linkedin.com/in/nityanandtams0y-81387a233>

## Educational Background

### Degree

Radhakrishna Institute of  
Technology & Engineering(BPUT)  
Khordha,Odisha.(2020-2024)

B.Tech(CSE),71%

### 12<sup>th</sup>

Kolhan Inter College, Saraikela,  
Jharkhand(2018-2020)

PCM, 63.4%

### 10<sup>th</sup>

Sainik School Tilaiya, Koderama,  
Jharkhand(2013-2018)

Science, 76%

## Soft Skills

Good communication

Interpersonal skills

Work ethics

Time Management

Teamwork

## Certifications

Full Stack Web  
Development(MERN) - UdemY

Web Development - Yhills

Presentation skills - Tcsion

Introduction Soft skills - Tcsion

AIML WorkShop – EduFabrica

## TRAINING

I'm on-going in a 6-month professional training in Java FullStack Developer at Jspider Punjagutta in Hyderabad, where I significantly developed my programming skills and logic-building abilities. The training provided hands-on experience in handling problems that arise during application development and taught me effective strategies for managing and resolving errors.

## Technical Skills:

### Core Java

- Strong understanding of tokens, keywords, identifiers, and literals/data types.
- Hands-on experience with operators, loops (for, while, do-while, for-each).
- Proficient in methods, including formal arguments, return types, and method overloading.
- Well-versed in local, global, static, and non-static variables.
- Solid understanding of object-oriented programming principles: encapsulation, inheritance, polymorphism, and abstraction.
- Experience with getter and setter methods for encapsulation.
- Knowledge of inheritance concepts: access specifiers, final, this, and super keywords.
- Expertise in compile-time and runtime polymorphism, with a focus on method overriding.
- Proficient in abstraction, including abstract classes and interfaces which is used for achieving 100% abstraction.
- Familiar with the Collections Framework, including List, Set, and Queue interfaces.
- Experience using lambda expressions to write concise and efficient code.
- Strong understanding of multi-threading, thread life cycles, deadlock handling, and synchronization.

### Oracle SQL

- Strong understanding of SQL statements: DDL, DML, DQL, TCL, and DCL.
- Proficient in DQL statements: SELECT, FROM, WHERE, GROUP BY, HAVING, ORDER BY.
- Knowledgeable in SQL joins: self-join, inner-join, outer-join.
- Experience with operators: arithmetic, logical, and special.
- Proficient in SQL functions: single-row functions (e.g., case manipulation, char manipulation, number manipulation) and multi-row functions (e.g., MAX, MIN, AVG, SUM, COUNT).

## Additional Skills

### HTML5

- Tags, Elements, Lists
- Attributes, Tables
- Multimedia, Forms
- Forms validation
- iframe, semantic Tags

### CSS

- Selectors, Text-property
- Box Model, Positions
- z-index, opacity
- Flexbox Model, css units
- 2D transition-Transform
- Media Queries

### JavaScript

- Tokens, Datatypes
- Type casting, variables
- Hoisting, functions
- prompt,closure, Promise
- Asynchrononous
- Strings, Arrays, Objects
- Higher order methods
- DOM & its methods
- Modification of DOM
- Events, Browser Storage
- Event Propagation
- Event Delegation
- JSON

### Bootstrap

### MySQL

- Skilled in writing and executing sub-queries, nested sub-queries, single-row and multi-row sub-queries, including correlated sub-queries for finding nth maximum and minimum values.
- Understanding of normalization concepts: 1NF, 2NF.
- Good experience in executing SQL queries.

### Advance Java(J2EE)

- Proficient in JDBC and its core interfaces, including Statement, PreparedStatement, and CallableStatement.
- Strong understanding of CRUD operations using JDBC for efficient database interactions.
- Experienced in developing and managing web applications using GenericServlet and HttpServlet, with a focus on implementing CRUD operations.
- Skilled in servlet mapping using annotations for streamlined server-side configurations.
- In-depth knowledge of the servlet life cycle, ensuring robust and maintainable web applications.
- Competent in utilizing JSP and its tags for dynamic web content creation and application development.

## Academic-Project

### Job Craze:

This is a self-project that includes all my acknowledged skills and details as a web developer. And projects are uploaded online. I build this project from scratch using HTML and CSS. This is our college major project. The motive of this project is to get every fresher a chance to show their skills. This is project is type of platform service where job recruiter will post job vacancy and job seeker will apply for job. This project is developed using MERN stack with MVC models.

### Automation System Design of a smart city:

This project was a multi-disciplinary minor project of my college. Students of different fields grouped to create this project. In this project we learn how to build a smart city with the help of automation in the future to reduce the excess use of electricity, wastage of water and without traffic police how to control the traffic situation with automated traffic lights. Moreover we used arduino system to complete this project.