NITISH KUMAR

+91 6299396881| nitishkr08011997@gmail.com | LinkedIn | GitHub

EDUCATION

- **Vignan's Foundation for Science, Technology, And Research**, India   **CGPA: 8.58**
  B. Tech (Computer Science and Engineering)   June 2024

WORK EXPERIENCE

- **Assistant System Engineer Trainee, TCS | Kolkata, West Bengal**   **August 2024 - Present**
- Utilized Sybase and Oracle databases for efficient data querying and analysis.
- Resolved issues and managed tickets using the ServiceNow platform.
- Applied strong analytical and problem-solving skills to deliver high-quality support services.

PROJECTS

- **Efficient Intelligent Network Intrusion Detection System | XGBoost Model, Python**

  - **Presented at the 15th ICCCNT-2024, IIT Mandi-An IEEE Conference, India**   Available at**-** EINIDS
  - Developed and presented an XGBoost-based Intrusion Detection System (IDS) for Software-Defined Networking (SDN) at a conference. Utilized hybrid feature selection and extraction algorithms to enhance data dimensionality. Achieved 98% accuracy in detecting and classifying network attacks, validated on the NSL-KDD dataset.

- **Star Protect Vehicle Insurance | HTML, CSS, JavaScript, Servlet, MySQL**
- Developed a comprehensive website for managing vehicle insurance operations with Admin and UnderWriter roles.
- Enabled Admin to manage Underwriters and Underwriters to create, renew, and modify insurance policies.
- Designed features for policy type changes, dynamic renewals, and file-based data storage.

TECHNICAL SKILLS

- Coding Languages: Java, Python
- Data Structures & Algorithms: Proficient in Java; Strong understanding of OOP concepts
- Full Stack Development: HTML, CSS, JavaScript, Java (Servlets, JDBC API)
- Framework: Spring Boot
- Database: MySQL
- Coding Profile: **LeetCode**, **Codechef**

HONORS AND AWARDS

- **Solved 400+ problems** on LeetCode, Codechef, and GeeksforGeeks
- **Achieved 90%** (Gold Badge), ranked in the **top 5%** in NPTEL's 'Programming in Java' certification.
- **Achieved** a global rank of **1,897** in **TCS CodeVita Season 11** in 2023
- **Secured the 2nd Position** in Code Nexus (Hackathon) in VCODE-2023
- **Secured the 92.83 percentile** in All India **JEE-Mains** 2020
- **Secured AIR 1,129** in **WBJEE** 2020

EXTRA-CURRICULAR

- **Teaching Assistant, VFSTR | Guntur, Andhra Pradesh**   **July 2023- June 2024**
  - Supported professors in teaching data structures and coding languages like C, Java, and Python. Guided students through challenging scenarios, resulting in a 30% improvement in their ability to apply theoretical knowledge in practical assignments.

HOBBIES

- Enjoy watching movies and capturing moments through photography.