

Anshaj Prakash

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EDUCATION

- Indian School** Salalah, Oman
Matriculation; Percentage: 96% (CBSE) May 2019
- Oxford Public School** Uttar Pradesh, India
Intermediate; Percentage: 80% (CBSE) May 2021
- National Institute of Technology** Rourkela, India
Bachelor of Technology - Mechanical Engineering; CGPA: 8.93 Nov 2022 - June 2026
Courses: Data Structures and Algorithm, Database Management Systems, Operating Systems, Neural Networks, MySQL

SKILLS SUMMARY

- Languages:** Python, C/C++, JavaScript, SQL, TypeScript
- Frameworks & Tools:** Pytorch, Tensorflow, NodeJS, React, Express, MongoDB, GIT
- Others:** Linux, HTML

LINKS

- LinkedIn:** : AnshajPrakash
- LeetCode:** : AnshPra
- GitHub:** : AlphaZero99
- Codeforces:** : Codezer

PROJECTS

- Hostel Management System:** Developed a comprehensive Hostel Management Website within 24 hours at HackNitr 5.0 using HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB. Implemented secure user authentication with JWT, a complaints management system, a feedback module, dynamic mess fee structure, and an attendance tracking system. Led backend architecture and data integration, managed database schema, and created a responsive frontend. Ensured data security and integrity, enhancing user experience and facilitating effective communication between students and hostel administration. Github *[React.js, TailwindCss, Express.js, MongoDB]*
- Text Generator AI:** Developed a state-of-the-art transformer-based AI model for creative text generation, consisting of 160 million parameters, utilizing the PyTorch framework. The training data for the model was meticulously curated and acquired from ChatGPT, ensuring a robust and diverse dataset. This initiative not only enhanced my technical skills in deep learning and natural language processing but also demonstrated my ability to manage and execute sophisticated AI projects from conception to deployment. Github *[Pytorch, Python]*
- Fitness App:** Designed a website to track workouts and nutrition using Express, Node, MongoDB, and React. Implemented detailed analytics to monitor progress and provide personalized suggestions for improvement. Developed features to offer insights and tailored recommendations, helping users stay motivated and achieve their health and wellness goals. Managed backend data processing, ensured a responsive and user-friendly interface, and integrated data visualization tools for enhanced user experience. Github *[React.js, MongoDB, Express.js, Node.js]*

ACHIEVEMENTS

- Graph Camp by AlgoUniversity – Top 30 – 2024:** Achieved a rank of 29 out of 120 students in a highly competitive college contest, demonstrating strong problem-solving skills and academic excellence. Additionally, earned a completion certificate for the Graphs Camp held by Algo University, where I gained advanced knowledge in graph algorithms, including traversal, shortest path, and network flow. Certificate
- Vridhhi – Winner – 2023:** I was part of the winning team in the Vridhhi Chess Event held in 2023. This achievement highlights my strategic thinking, focus, and ability to perform under pressure.

EXTRACURRICULAR ACTIVITIES

- Vice Captain - Institute Chess Team** NIT Rourkela, India
Have been appointed as the vice captain of my institute chess team. May 2024-Present
- Inter NIT** NIT Rourkela, India
Represented my college in this competition. Feb 2024
- Social Activity** NIT Rourkela, India
Was a part of NSS group of my college which took part in activities such as cleaning the roads. Dec 2022
- Financial Market Trading** NIT Rourkela, India
Have been trading and investing in the stock markets since 2022. Oct 2022-Present
- Chess Nationals** NIT Rourkela, India
Have been a part of my school team for chess in Chess Nationals 2016. Dec 2016