

DEV KUMAR KHETAN

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EDUCATION

Dayananda Sagar College of Engineering
B.E. (Artificial Intelligence & Machine Learning)
CGPA: 8.13

Bengaluru
2020 - 2024

New Look Senior Secondary School
Degree in 12th board
Percentage: 77.6%

Kota
2019 - 2020

Aditya Birla Public School
Degree in 10th board
Percentage: 82.6%

Neemuch
2017 - 2018

EXPERIENCE

Intimetec | Junior Software Engineer

Bengaluru | July 2024 - Present

- Developed software solutions in C++ for various applications, focusing on performance optimization and code quality.
- Collaborated with the development team to implement new features and troubleshoot complex issues.

Neuberg Diagnostics | Data Science Intern

Bengaluru | April 2023 - August 2023

- Developed proof of concept for "Intelligent Image Processing for Typhoid Detection" using YOLOv8 and advanced preprocessing techniques.
- Integrated Roboflow and implemented robust model-building to reduce false positives, improving reliability in lab test image classifications.

College Option | Content Writer

Jan 2021 - May 2021

- Part-time internship as a content writer at an online platform for students preparing for competitive exams.

SKILLS

- Programming Languages:** Python, C++, SQL
- Tools / Platforms:** Git, GitHub, Flask, RoboFlow
- Technical Concepts:** DBMS, OOP, OS, Data Structures, Machine Learning, Data Analysis
- Other Skills:** Design Patterns, Communication, Presentation Skills

PROJECTS / OPEN-SOURCE

Sudoku Solver

C++

- Developed a Sudoku solving algorithm using the backtracking technique, capable of solving puzzles of varying difficulty levels.
- Aimed to provide an efficient and versatile tool for Sudoku enthusiasts and puzzle solvers.

Library Management System

C++, Database Management

- Developed a system for managing book inventories, borrower records, and transaction history in a library setting.
- Included features for adding, removing, and updating records, along with generating reports and handling user interactions.

Music Playlist Manager

C++, User Interface

- Developed a music playlist manager for creating, managing, and organizing playlists of audio files.
- Included features for adding and removing songs, saving playlists to files, and loading existing playlists, with a user-friendly interface for easy interaction.

ACTIVITIES

Smart Odisha Hackathon - Finalist

BeachHack5 Hackathon - Top 5 teams

Volunteer Experience - Assisted in organizing a department-hosted hackathon at my college, coordinating event logistics and participant management.