

# diyansh Rao

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## EDUCATION

### SHOOLINI UNIVERSITY

#### B.TECH IN COMPUTER SCIENCE

Yogananda School Of AI and Data Science

CGPA : 8.14/10

June 2023 | Solan, HP

### EURO INT SCHOOL

#### NON-MED

74.4 percent

May 2019 | Rewari, HR

### EURO INT SCHOOL

May 2017| Rewari, HR

CGPA : 9/10

## LINKS

Github:// [diyanshrao](#)

LinkedIn:// [diyanshrao](#)

LeetCode:// [diyanshrao](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Operating Systems

Database Management Systems

Object-Oriented Programming

Computer Networks

Introduction to Artificial Intelligence

Natural Language Processing

## SKILLS

### PROGRAMMING

Over 5000 lines:

- Java • C++ • Next.js Javascript • React
- Node.js DataStructures • MongoDB

Over 1000 lines:

- AWS • CSS • MySQLC • • SpringBoot
- Express • Python

## AWARDS

- GeeksForGeeks Placed **1st** on institutional ranking
- HackerRank **5 Star** and Completed ace the interview series of leetcode.
- Codechef **3 star**
- successfully led and guided a team of 5 coders in building a startup website.

## EXPERIENCE

### GRADUP.IN | JUNIOR DEVELOPER

July 2023 – Current| Nodia, IN

- Developed web scraping and automation systems for data collection, resulting in improved data quality and increased sales.
- Created a scheduled task for daily database updates, ensuring data accuracy.
- Developed the **backend API** of the course video player, optimizing video streaming capabilities and reducing buffering time by 60%, resulting in an improved user experience.
- Implemented and integrated AI-powered **chatbot** chatling API into the company's website.Collaborated with cross-functional teams including marketing and sales to analyze data collected from the chatbot API.

### GEEKSFORGEEKS |BACKEND INTERN

Apr 2023 – JUN 2023 | Remote

- During the internship, I gained hands-on experience in developing web applications using **Spring Boot**, creating **RESTful APIs**, **handling security**, and **optimizing performance**. I am now equipped with valuable skills and knowledge to excel in software development, particularly in the Spring Boot ecosystem.

## PROJECTS

### C++ | AI BASED TIC TAK TOE GAME

June 2014 – Sep 2014

- Developed a Tic Tac Toe game using **C++** and the **Minimax algorithm with backtracking**
- Implemented an AI opponent that uses the Minimax algorithm to find the optimal move to make based on the current game state
- Demonstrated strong problem-solving skills and proficiency in **C++ programming, algorithms, and data structures**. Additionally, gained experience in teamwork, communication, and project management by collaborating with team members to plan, design, and develop the project.

### NODE.JS PROJECT | YELP CAMP

- Designed and developed a web application using **Express.js** and **MongoDB** that allows users to search and discover nearby campgrounds.
- Utilized **MongoDB** to store and manage user data, including campground information and user reviews. Created a **RESTful API** to handle client-server communication and enable seamless integration with other applications.
- Implemented user authentication and authorization using **Passport.js** for secure access to the site's features. Optimized the website's performance and scalability by applying best practices in code design and database management.

### SPRINGBOOT AND REACT | FACEBOOK CLONE

- A social networking platform developed with **Spring Boot**, **React.js**, **Node.js**, **MongoDB**, and **MySQL**.Replicates the functionality of Facebook.
- Delivers a familiar and feature-rich social networking experience akin to the renowned platform, **Facebook**. database management.