Diyansh Rao

diyanshr@gmail.com || 8398073052 || Rewari,Haryana

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++ • Javascript • React
• Node.js • DataStructures • MongoDb
Over 1000 lines:
C • • CSS •
MySql • **SpringBoot** • Flutter •**Express**•
Next.js• 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, demonstrating my leadership and teamwork skills.

EXPERIENCE

GRADUP.IN | Junior Developer
July 2023 – Current| Nodia, IN
- Implemented advanced caching strategies using **Next.js**, resulting in a remarkable 40% reduction in page load times.
- 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, identifying key insights on customer preferences and behavior that informed strategic decision-making..

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.