

DIYANSH RAO

portfolio: <https://diyanshrao.vercel.app>

📞 8398073052

✉ diyanshr@gmail.com

🌐 [linkedin.com/in/diyanshrao](https://www.linkedin.com/in/diyanshrao)

🐙 github.com/diyanshrao

Education

Shoolini University

Bachelor of Science in Computer Science - 8.09OGPA

Aug. 2019 – July 2023

Solan, Himachal Pradesh

Euro International School

XII - 74.4

2018 – 2019

Rewari, Haryana

Euro International School

X - 9 OGPA

2016 – 2017

Rewari, Haryana

Projects

Discord Clone | TypeScript, Nextjs, Prisma DB,Socket.io,LiveKit

- Leveraged the power of Next.js for efficient server-side rendering and seamless client-side navigation.
- Implemented real-time chat features using Socket.io for instant messaging and updates.
- Established a WebSocket connection between the client and server for efficient bi-directional communication.
- Leveraged Prisma's ORM capabilities for seamless data modeling and query execution.

Sorting Algorithms Visualizer | TypeScript, Nextjs, VS Code, Vercel

Jan 2024

- Created a Next.js app which is designed to build a algorithm visualizer.
- Helps in understanding algorithms such as Bubble Sort, Insertion Sort, Merge Sort, Quick Sort
- Deployed the project on a serverless vercel platform.loosely designed on figma
- Link to the project :<https://sortingalgo-visual.vercel.app>

AI based tic tak toe game | C++,Min-max Algorithm,backtracking

November 2022

- 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.

Facebook Clone | Java, Eclipse, SpringBoot, Nextjs

Aug 2023

- A social networking platform developed with Spring Boot, React.js, Node.js, MongoDB, and MySQL. Replicates the functionality of Facebook.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Delivers a familiar and feature-rich social networking experience akin to the renowned platform, Facebook. database management.

Experience

Gradup

July 2023 – Nov 2023

Web Developer

Nodia, U.P

- 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.

Technical Skills

Languages: TypeScript, Java, C++, HTML/CSS, JavaScript, SQL ,MongoDB

Developer Tools: VS Code, IntelliJ, XCode, Android Studio

Technologies/Frameworks:Linux, SpringBoot, GitHub, Next.js, Node.js

Leadership / Extracurricular

- Been Coder of the month(AUG-2023) at gradup
- Ranked 1st at Institutional Ranking of GeeksForGeeks
- Led the team of 5 developers in building an online edu platform.