DIYANSH RAO

portfolio: https://diyanshrao.vercel.app

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Education

Shoolini University   **Aug. 2019 − July 2023**
Bachelor of Science in Computer Science - 8.09OGPA   *Solan, Himachal Pradesh*

Euro International School   **2018 − 2019**
XII - 74.4   *Rewari, Haryana*

Euro International School   **2016 − 2017**
X - 9 OGPA   *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.

AI based tic tak toe game | C++,Min-max Algorithm,backtraking   **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 acounts, 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.

GeeksForGeeks   **Apr 2023 − Jun 2023**
Front End Developer Intern
- 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.

Technical Skills

Languages: TypeScript, Java, C++, HTML/CSS, JavaScript, SQL ,MongoDB
Developer Tools: VS Code, Intelij, 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.