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Aman Singh

Software Development Engineer

GitHub
LinkedIn
Portfolio

SKILLS

Programming Languages JavaScript, Typescript, C/C++
Tools & Platforms Git, GitHub, Vercel, Firebase, Postman, Render, Docker, VS Code
Frameworks & Libraries React.js, Next.js, Node.js, Express.js, MongoDB, Tailwind CSS

WORK EXPERIENCE

Software Development Engineer Intern

May 2023 – Jul 2023

Writeary

(Applin.co)

Gurugram (Remote)

- **Optimized Web Application:** Enhanced and maintained the [React-based web application](#), implementing [performance improvements](#) and ensuring a seamless user experience across various devices and browsers.
- **Integrated New Features:** Developed and integrated [new functionalities](#) into the web application, working closely with the team to align with [product requirements](#) and improve overall application usability.

PROJECTS

ACE

Nov 2023 – Feb 2024

- Developed an [E-learning platform ACE](#) using [React.js](#) and [Tailwind CSS](#) for frontend, and managed content with [MongoDB](#) and [Cloudinary](#).
- Deployed the platform on [Vercel](#) ensuring fast and reliable delivery.
- Integrated [CodeBridge](#), an online [realtime code editor](#) for seamless [code collaborations](#).
- Utilized [Tailwind CSS](#) for styling the application and used [MongoDB](#) as the [NoSql](#) database.
- Successfully implemented [SEO](#) best practices, resulting in Google search indexing and improved visibility.
- Implemented [Razorpay](#) for secure and efficient payment processing.

CodeBridge

May 2024 – Jun 2024

- Developed a [real-time collaborative code editor](#) using [Socket.IO](#), enabling multiple users to edit code simultaneously and see changes instantly.
- Created an intuitive [user interface](#) with [React.js](#), allowing users to easily navigate the application and manage their coding sessions.
- Incorporated [syntax highlighting](#) and [code formatting features](#) to enhance the coding experience, making it easier for users to read and write code effectively.
- Conducted thorough [testing](#) and gathered [user feedback](#) to continuously improve the application's functionality and address user needs effectively.

Mocker

- Developed an [AI-powered interview simulation platform](#) that provides users with realistic interview scenarios tailored to their [desired job roles and industries](#).
- Integrated [audio and video recording capabilities](#) that allow users to review their performances, enhancing self-assessment and learning opportunities.
- Utilized [Drizzle ORM](#) to interact with the database, simplifying data management and providing a structured way to handle user responses and performance analytics.
- Integrated [Clerk for user authentication](#), providing a secure and user-friendly sign-up and login process, allowing users to manage their profiles effortlessly.
- Incorporated the [Gemini API to enhance the platform's AI capabilities](#), enabling advanced analysis of user responses and more personalized feedback based on industry standards.

EDUCATION

DIT University

Aug 2021 – Aug 2025

- Bachelor of Technology in Computer Science — 7.8 CGPA
- Coursework: Algorithms and Data Structures, Operating System,
- Database Management Systems,
- Computer Networks.

Dehradun, Uttarakhand

Grace Academy School, Dehradun

April 2009 – April 2021

Senior Secondary — 88%

Dehradun, Uttarakhand