SAYANTAN PAUL

☎ +916291413882 ✉ iampaulsayantan06@gmail.com
in linkedin.com/in/imsayantanpaul 🌐 sayantanpaul.com ⌥ github.com/Sayantanmpaul

Summary

Results-driven software engineer with internship-level experience and a strong foundation in full-stack development. Proficient in multiple programming languages, he is known for taking ownership of projects, delivering solutions on time, and writing high-quality code. Adept at effective collaboration and meeting project goals with a proactive and solution-oriented approach.

Experience

Paraheights Technologies   Apr 2024 – July 2024
Frontend Engineer Intern   *remote*
- Collaborated with the team on migrating the company's internal website from React.js to Next.js, enhancing the platform's scalability and performance. Worked closely with the UI/UX team to ensure design consistency during the transition, improving code efficiency, reusability, and optimization by approximately 30% through streamlined architecture and improved development workflow.
- Developed a versatile internal file editor featuring a rich text editor and spreadsheet capabilities to enhance document management and collaborative editing. Collaborated with the design team to refine the user interface, resulting in streamlined workflows and improved team productivity.
- Contributed to the design and development of an Internal Training/Course Builder tool, streamlining training workflows, reducing setup time by 20%, and improving onboarding efficiency.

Technical Skills

Programming Languages:: TypeScript, JavaScript (ES6+), HTML, CSS, C++, SQL
Frameworks and Libraries:: React.Js, Next.Js, Styled Components, Node.Js, Express.Js, Jest
Tools and Platforms: Git, GitHub, MongoDB, Prisma, Webpack, RESTful APIs, Jira, Postman, Figma
Soft Skills: Team Collaboration, Communication, Agile, Scrum, Problem-solving, Adaptability, Open-mindedness

Projects

NoSpam - An platform to identify spams | *Javascript, Next.js, Python, Scikit-Learn*
- NoSpam is a robust platform for spam comment detection, leveraging predictive datasets to accurately identify and classify unsolicited, irrelevant, or promotional content.
- Enhanced functionality by integrating speech-to-text analysis, enabling the detection of spam derived from spoken input, broadening the scope of detection capabilities.
- Implemented a fully responsive and interactive user interface using Next.js and JavaScript, prioritizing accessibility and delivering a seamless experience across various screen sizes. **(Project Url)**

Orbit-Space - A customizable Lofi music player | *Typescript, Next.Js, Zustand*
- Developed a focus enhancement and relaxation app with customizable live wallpapers, sound effect controls, user-defined cards, and unique theme selections.
- Provided flexibility for users to create and manage custom playlists, enhancing the personalized music experience.
- Integrated draggable quote cards and a real-time clock, adding interactivity to the user experience and fostering a relaxing, focus-enhancing ambiance. **(Project Url)**

Deck - A real-time communication platform | *NodeJs, Express, Redis, Next.Js, Pusher Channels*
- Built real-time seamless and efficient messaging platform using Pusher channels and WebSockets, enabling instant friend requests and live messaging between users
- Implemented JWT-based authentication with access and refresh tokens, ensuring data security with verified access.
- Enabled sharing of photos, videos, audios, and documents within chats, enhancing communication versatility.
- Designed a RESTful API with Node.js and Express for user and message management, utilizing MongoDB, Redis, and Cloudinary for data storage and secure media handling. **(Project Url)**

Education

MCKV Institute of Engineering   Oct. 2020 – July 2024
Bachelor of Science in Information Technology   *CGPA: 8.5*

Achivements

AWS ML Scholarship: Received a scholarship voucher from AWS Machine Learning Foundation.   *Oct 2023*
HTM 3.0: Presented a scaleable solution in Hack the Mountains by Sudan's Tech for the 2022 session.   *Sep 2022*

Responsibilities

Lead Designer and Tech: Managed design work and technical upkeep for the university's annual tech fest for the 2024 session, ensuring seamless execution and high-quality deliverables.   *Mar 2024*