AYUSH MEHROTRA

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Summary

Experienced Software Engineer specializing in full-stack development, with a focus on building web and android applications using React and Next.js. Proficient in enhancing application performance, adapting to emerging technologies, and delivering reliable, user-centric solutions.

Education

Maa Sakuntala P.G. College	**2024 - 2027**
Dawn Washco School, Mau	**2022 - 2023**
Dawn Washco School, Mau	**2019 - 2020**

Skills

Programming Languages: JavaScript, Python, Lua

Frameworks & Libraries.: Node.js, React, Next.js, MongoDB, Tailwind CSS, GraphQL, Tanstack

Devops: Linux, Git, Docker

Tools: Postman, NeoVim

Soft Skills: Time Management, Critical Thinking, Decision Making, Leadership, Teamwork

Work Experience

CodeTikki | SDE Intern **Jan'23 - Mar'23**
- Developed a React.js dashboard to manage records for 150+ employees.
- Enhanced API performance by 25% with caching using Redis and React hooks.
- Integrated a Facebook chat plugin for handling user queries.
- Implemented a WhatsApp event notifier system for user interactions.

Projects

Aideation **Dec'23**
- An AI-driven documentary application that generates insights and content based on user topics.
- Utilized Tanstack Query for efficient API load management.
- Implemented NeonDB as a serverless database to store user data.

Shawtify **(Demo)** ` **Sep'23**
- A music player application for uploading, liking, searching, and streaming music.
- Integrated Stripe for payment processing and Supabase for storing song data and images.
- Designed the interface using Tailwind CSS and built reusable React components.

Caption Generator (Demo) **Sep'23**.
- A system that allows users to upload videos and generates dynamic captions..
- Extracted audio, generated subtitles using SpeechRecognition, and burned subtitles into videos using MoviePy.
- Designed a seamless user interface using Tkinter for selecting video and subtitles files, enhancing UX and accessibility.

Certifications and Achievements

- Completed **Lyft Backend Engineering** course, focusing on **scalable backend systems.**
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Positions of Responsibility

CodeTikki | Full Stack Developer **Jun'21 - Dec'23**
- Mentored a team of 5 junior developers, focusing on skill development and professional growth.
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