

Aarush Saboo

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WORK EXPERIENCE

Alpharhythm Technologies Pvt Ltd

Remote

Software Engineering Intern

May 2024 - Jul 2024

- Devised a highly efficient Wikipedia scraper using Python to extract and analyze data across 20+ Wikipedia domains, improving research efficiency by 40% for internal projects.
- Built an image generator using Flask for the backend, integrated with the Cerebrum API, and deployed on Vercel, generating 8 high-quality images per request in under 3 seconds.
- Created a Student Lecture Assistant prototype using Streamlit to record and transcribe lectures, converting them into personalized audio files, reducing manual transcription efforts by 80%.
- Designed and developed a stock analysis website in Next.js featuring real-time interactive charts, financial forecasts, and key insights, supporting multiple stocks with 20% faster load times.
- Contributed to a Docker-based project that serves as an automated interviewing website for candidates. The platform generates summaries of the interactions, engages in conversations with candidates, and classifies them as a hire or not.

EDUCATION

KJ Somaiya College of Engineering

Mumbai, India

Bachelor of Technology, Information Technology, GPA: 9.5

Graduation Date: Date

PROJECT EXPERIENCE

Smart India Hackathon (SIH) 2024 Semi-Finalist

Ghatkopar, Maharashtra

Developer -- Demo

Sep 2024 - Nov 2024

- Collaborated on a museum chatbot using Next.js, which was shortlisted during the Smart India Hackathon (SIH) 2024 evaluation process.
- Implemented the i18n module to translate the webpage into 15+ languages, enhancing accessibility and usability for a diverse audience and Gemini for live interaction.

BSEC Technologies

Thane, Maharashtra

Frontend Developer -- Demo

Oct 2024 - Nov 2024

- Spearheaded the development of a Next.js project for BSEC Technologies, resulting in a fully responsive website that increased user engagement by 40% and decreased bounce rates to below 20%.
- Enhanced responsiveness of web applications by conducting thorough testing across multiple devices, achieving a seamless user experience for over 95% of users on all screen sizes.

YouTube: Distraction-Free Mode

Thane, Maharashtra

Extension Developer -- Demo

Dec 2024 - Jan 2025

- Authored and launched a Chrome extension on the Web Store enabling users to block YouTube videos based on personalized criteria, offering 20+ customizable themes, and utilizing AI-powered content filtering for precise control.
- Integrated a machine learning model that automatically classifies over 10,000 videos into specific categories, reducing manual sorting time by 75% and improving content discovery efficiency.

SKILLS & INTERESTS

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, SQL, PHP

Technologies/Frameworks: MongoDB, Express, Flask, React.js, Next.js, Git, GitHub, Gemini, Docker, Node.js, Vercel