

AKSHAT KUMAR SINHA

📍 Surampalem, East Godavari, Andhra Pradesh

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EDUCATION

Bachelor of Technology in Computer Science Engineering

Aditya College of Engineering and Technology

Nov 2020 – May 2024

Surampalem, Andhra Pradesh

- Relevant Coursework: *Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management Systems.*

EXPERIENCE

Web Developer Intern

NexaDev - It Solutions

July 2024 – October 2024

Hyderabad, Telangana

- Independently developed a complete consultancy service project, handling both front-end and back-end features.
- Quickly learned and applied new technologies to deliver a functional and user-friendly solution within project deadlines.
- Received recognition for strong work ethic, problem-solving abilities, and successfully managing the entire project lifecycle.

AWS Intern

BrainOvision Solutions Pvt. Ltd.

June 2024 – August 2024

Hyderabad, Telangana

- Worked on Amazon Web Services (AWS) projects, gaining hands-on experience in cloud computing services.
- Demonstrated strong learning ability, completing tasks efficiently and contributing to project success.
- Received positive feedback for punctuality, hard work, and quick adaptation to new challenges.

Java Intern

Technical Hub Private Limited

May 2023 – July 2023

Surampalem, Andhra Pradesh

- Optimized **object-oriented programming** skills, resulting in a 20% reduction in runtime errors through effective **exception handling**.
- Implemented advanced **data structures**, decreasing memory usage by 30%.
- Achieved top 58% in competitive coding by applying strong mathematical and problem-solving skills.

PROJECTS

Consultancy Service Platform | [Github Link](#) | [Website Link](#)

- **Objective:** Developed a comprehensive platform for users to connect with industry-leading mentors for personalized knowledge-sharing and guidance.
- **Key Features:**
 - * Seamless **one-on-one real-time communication** through a robust chat interface, enabling direct interaction between users and mentors.
 - * Integrated **real-time notifications** for message delivery, read receipts, and online status, enhancing user engagement.
 - * Responsive design ensuring accessibility and optimal user experience across all device types.
- **Technologies Used:**
 - * Frontend: Developed using **React** with **Vite** for enhanced performance and quick build times.
 - * UI/UX: Designed with **Chakra UI** for a modern, responsive interface.
 - * Backend: Leveraged **Node.js** and **Express** for server-side logic and API handling.
 - * Real-Time Communication: Implemented with **Socket.IO** to facilitate instant messaging and updates.
 - * Deployment: Hosted on **Vercel** for frontend **Render** for backend for continuous deployment and reliable hosting.

Music Player Platform | Vaiaksh Music | [Github Link](#) | [Website Link](#)

- **Objective:** Created an interactive music player platform to support emerging artists, offering users a seamless music experience while enabling uploads and reviews of songs.
- **Key Features:**
 - * Intuitive **music playback controls**, including seek bar, volume control, and playlist management for a user-friendly experience.
 - * Responsive design with **media upload functionality** for users to submit songs, reviewed by judges, with admin approval.
 - * Seamless **audio streaming** with a well-optimized player that adapts to both desktop and mobile views.
 - * Integrated **real-time notifications** for song acceptance/rejection and playlist updates, enhancing user interaction.
 - * Support for external **LinkedIn and resume links** for better artist visibility.
- **Technologies Used:**
 - * Frontend: Built using **React** with **Vite** for fast rendering and performance optimization.
 - * UI/UX: Designed with **Chakra UI** for a modern and responsive interface across devices.
 - * Backend: Managed server-side functionality using **Node.js** and **Express**.
 - * Database: Utilized **MongoDB** with **Mongoose** for data storage and retrieval.
 - * Real-Time Communication: Implemented **Socket.IO** for live notifications and interactions.
 - * Deployment: Hosted frontend on **Vercel**, backend on **Render** for continuous integration and deployment.

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, JavaScript.
- **Web Technologies:** HTML5, CSS3, React.js, Node.js, Express.js.
- **Database Management:** MySQL, MongoDB.
- **Tools & Platforms:** Git, Github Vercel, Netlify.
- **Others:** Data Structures, Algorithms, Machine Learning.

CERTIFICATIONS

MIRCROSOFT AI FUNDAMENTALS <i>Mircosoft learn</i>	May 28, 2024 Certificate Link Verify
IT SPECIALIST JAVA <i>Technical Hub Private Ltd.</i>	June 24, 2023 Certificate Link
RED HAT CERTIFIED SYSTEM ADMINISTRATION (RHCSA) <i>Technical Hub Private Ltd.</i>	June 05, 2023 Certificate Verify
IT SPECIALIST PYTHON <i>Technical Hub Private Ltd.</i>	July 05 , 2022 Certificate Link

ACHIEVEMENTS

- 3 Star coder at Codechef.com
- 5 Star in Cpp on Hackerrank.com
- Solved more than 450 problems on Leetcode.com