


# D AYUSH

Jabalpur, Madhya Pradesh

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## Education

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### St Aloysius College

*Bachelor of Computer Application(CGPA of 8.63)*

**August 2021 - June 2024**

*Jabalpur, Madhya Pradesh*

## Experience

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### Red Hat

**Nov 2021 – Jan 2022**

*Internship*

- Configured and managed Linux firewalls, enhancing network security and system performance.
- Worked with AWS to deploy, manage, and scale applications, leveraging cloud services for efficient operations. Utilized Docker to create, deploy, and manage containerized applications, improving software deployment processes.
- Developed automation scripts using Bash and Python to streamline system administration tasks, reducing manual workload and error rates.
- Collaborated with cross-functional teams to integrate DevOps tools and practices, contributing to open-source projects and enhancing collaborative development.

## Projects

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### AI Mock Interview | *NextJS, Clerk, Drizzle Orm* | *Live Link* | Github

- Designed and developed a mock interview platform using NEXT JS, implementing dynamic user interfaces and ensuring a seamless user experience
- Utilized CLERK for secure user authentication, integrated GEMINI API to generate tech stack-specific questions, and implemented real-time interview simulations with speech-to-text analysis for immediate feedback.
- Enabled real-time interview simulations with camera and microphone integration, converting speech to text and comparing responses with model answers for immediate feedback.
- Utilized Drizzle ORM and PostgreSQL for efficient backend management and data storage, and deployed the application on VERCEL for reliable and scalable performance.

### MoviesApp Android | *React Native, TMDB API ,Axios, NativeWind* | *App Link* | *Video* | Github

- Developed a dynamic mobile application using REACT NATIVE, enabling users to explore and discover detailed information about movies through an intuitive interface.
- Integrated the TMDB API using Axios to fetch movie data, implementing features like movie search, trending movies, upcoming releases, top-rated movies, and cast details to enhance user experience.
- Utilized NATIVIEWIND for styling, ensuring a responsive and visually appealing design that adapts seamlessly to different device screens and enhances overall user interaction.

### Realtime Chat Website | *ReactJS, Firebase , Tailwind* | *Live Link* | Github

- Developed a real-time chat application using REACT JS, enabling users to add friends, exchange messages, and share images seamlessly.
- Implemented FIREBASE for backend services, including authentication for secure user login and Firebase Storage for efficient image sharing, ensuring reliable and scalable data management.
- Deployed the chat application on AMAZON S3, ensuring high availability, security, and scalability, and leveraging cloud infrastructure for optimal performance.

## Skills

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- Programming Languages : C++, Java , Python
- Web Development : HTML , CSS, Javascript
- Framework : React Js , Next Js, Tailwind
- Server Side Languages : Node Js , Express Js, PHP
- Android Development: React Native
- Databases: MongoDB , SQL
- DevOps : Amazon AWS , Docker , Kubernetes