Md Amman

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Education

JK Lakshmipat University   **2021-2025**
Bachelor of Technology in Computer Science
Sv. Public School
CBSE 12th **2021**

Projects

WhisperWave | *MERN stack, Cloudinary, Socket.io*   Live link   Source code
- Built a **real-time** chat application with a **responsive** UI, tested by **100**+ users.
- Implemented **image sharing** functionality, allowing users to upload, send, and view images within chat conversations.
- Developed **private chat** and **group chat** options both
- Engineered **group chat management** features, including **administrative controls** for creating, modifying, and deleting group chats, as well as managing group members and permissions.
- Added a **profile viewer** feature for users and its chats.

AetherBot | *Next.js 14, Google Gemini API, Cloudinary, Zustand*   Live link   Source code
- Developed an AI chatbot with persistent messages.
- Utilized **Zustand** for state management, improving application performance by **30%** by minimizing the number of unnecessary **re-renders.**
- Implemented **dark/light theme** toggle functionality**.**
- Authentication with **social login** via **GitHub** and **Discord**, and **credentials** using **NextAuth.js.**
- Implemented capability for **image uploading** and **ask queries** based on that image.

Envision | *MERN stack, TMDB API, Vidsrc API*   Live link   Source code
- Built a platform for **online streaming** of movies and TV shows.
- Envision has complete **authentication** and allow users to **bookmark** their favorite shows and watch them later
- Allowed users to browse and explore **trending**, **popular**, and **top-rated** sections, along with **explore page** which lets you discover shows based on **categories** and **genres**.
- Deliver a **wide range** of shows to watch and enjoy.

Experience

Web Developer Intern   **June - August 2023**
Tag 11. Softech. Pvt. Ltd   **Jaipur, Rajasthan, India**
- Learned about scalable backend techniques.
- Identified and resolved critical **authentication** issues related to **social** media **logins**, significantly enhancing user login reliability and **security** measures.

Skills

Technical skills:
- **Languages:** Java, C++, JavaScript, Typescript
- **Technologies/Framework:** React.js, Next.js, Express Js, Framer-motion, Node Js, Zustand, Web-sockets
- **Database:** MongoDB

Soft skills: Communication, Problem solving.