

GAUTAM SAJWAN

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[portfolio website](#)

Education

Graphic Era Hill University

Bachelor of Technology in Computer Science and Engineering

Oct. 2021 – Present

Dehradun, Uttarakhand

St. Anthony Public School

Senior Secondary Education, CBSE

2021

Tehri, Uttarakhand

Carmel School, Chamba

Secondary Education, ICSE

2019

Chamba, Uttarakhand

Projects

AssetNexus | React js, Vite, Tailwind css, Mongo DB, Express js, Cloudinary

Live link - AssetNexus

- Designed and developed a comprehensive full stack Digital Asset Management (DAM) application for organisations structured for efficient organization, storage, and management of digital assets.
- Created robust backend APIs using Express.js, achieving seamless client-server communication, resulting in a 40% reduction in response time.
- Utilized Cloudinary for cloud storage and MongoDB for NoSQL database, reducing storage costs by 50% and enhancing scalability for managing large volumes of digital assets.
- Used React.js, Tailwind CSS and Framer Motion to craft a modern looking responsive frontend.

AI-Pic | React js, Vite, Typescript, OpenAI, Tailwind css, Mongo DB, Express js, Cloudinary

Live link - AI-Pic

- Programmed an AI-powered full-stack image generation application, enabling users to create, download, and share AI generated digital images within the platform.
- Integrated the OpenAI API into the backend architecture, allowing for the generation of high-quality images based on user prompts, improving image accuracy and relevance by 50%.
- Leveraged React.js and Tailwind CSS to build an attractive image gallery and a fully responsive frontend, resulting in a 20% increase in average session duration, boosting user retention.

Amazon clone | React js, Firebase, Stripe

Live link: Amazon

- Architected a full stack e-commerce application crafted to mimic the functionality of Amazon.
- Integrated Firebase Authentication for user authentication and Stripe for payment processing.
- Implemented React Context API to efficiently manage state within the application.

Technical Skills

- Languages** : C++ (proficient), C (proficient), **Javascript** (proficient), **Typescript** (intermediate), **Java** (intermediate), **Python** (intermediate), **SQL** (intermediate)
- Technologies/Frameworks** : React JS, Next JS, Tailwind css, MongoDB, Express JS, Node JS, Github
- Data Structures and Algorithms**

Achievements

- Finalist of U-Hackathon 4.0-Meta** | Aug, 2023 - Sep, 2023
 - Our team's innovative approach, emphasizing on **Enhancing The Online Learning Experience** earned us a place in the top 25 out of 300 competing teams nationwide. Following our selection, we built a full-stack Learning Management System (LMS) web application that seamlessly aligned with our chosen theme.
- Finalist of TechSurf-2023 (4th Runner-Up)** | Jul, 2023 - Aug, 2023
 - Engineered a full-stack web application based on Digital Asset Management after reaching the final round of TechSurf 2023, an online hackathon hosted by Content Stack. The application secured a rank in the top 5 from a pool of 40,000 candidates.
- Coding Profiles**
 - 600+ DSA problems solved on Leetcode | (Leetcode Profile Link)
 - 800+ Score on GeekForGeeks | (GFG Profile Link)