Amandeep Singh Khalsa

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Education

Vellore Institute of Technology, Bhopal	Sept 2022 – Exp.2026
B.Tech. in Computer Science, **C*GPA:8.80***	
Vrindavan Public School, Ajmer	Mar 2020 – Mar 2021
Intermediate/+2, ***Percentage: 92%***	
St. Anslem Sr. Sec School, Ajmer	Mar 2018 –Mar 2019
Matriculation, **Percentage*: 92.2%***	

Skills

Programming Language: Java.

Web - Technologies: HTML, CSS/Tailwind CSS, JavaScript, ReactJS, NextJS, Node.js, Express.js.

Database: MySQL, MongoDB.

DevOps: AWS, Git, GitHub, Docker, Jenkins, CI/CD.

Projects

QuickCart | Ecommerce Website [View Project]   GitHub

Tech Stack: Next.js, React, Tailwind CSS, Clerk, Inngest, MongoDB, Node.js, Stripe.
- Developed a full-stack ecommerce site with role-based access control, used for personal testing and demos.
- Integrated Inngest for event-driven workflows, enabling asynchronous user and order synchronization with MongoDB.
- Designed dynamic API routes in Next.js and implemented secure Stripe payment flows for demo purchases.
- Built scalable MongoDB data models with cart and address management supporting realistic data volumes.

Imagify | AI SaaS Text to Image Website [View Project]   GitHub

Tech Stack: React, Tailwind CSS, MongoDB, Node.js, Express.js, Razorpay, Clipdrop API.
- Built a full-stack AI SaaS platform generating 50+ images from user prompts during testing.
- Implemented Razorpay payment integration to handle demonstration of credit-based transactions and subscription management.
- Developed responsive UI using React and Tailwind CSS for seamless experience on desktop and mobile devices.
- Created MongoDB data models for managing a simple credit system and tracking transaction records for test users.

DevOps Automation Pipeline   GitHub

Tech Stack: Node.js, Jenkins, GitHub, Docker, Webhooks, CI/CD, Shell Scripting.
- Designed and deployed a scalable Back-End Node.js application integrated with Jenkins using GitHub Webhooks.
- Created automated CI/CD workflows to simulate real-world fast-paced DevOps environments.
- Collaborated with peers on containerization using Docker, focusing on repeatable builds and reducing manual errors.
- Applied Programming best practices and implemented automation to improve system performance and deployment scalability.

Certifications

- AWS Certified Solutions Architect: Associate [View Certificate]   Aug 2025

Extra-Curricular

Media & Photography Lead | D2C Igniters Club   June 2023 - Present
- Led media and photography for two major events, *Vibes* and *Foragers 3.0*, driving participation of over 300 students and enhancing event visibility through creative content.
- Coordinated and managed media coverage as Media and Photography Lead, increasing club engagement on social platforms by 30%.