

Amandeep Singh Khalsa

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EDUCATION

Vellore Institute of Technology University, Bhopal <i>B.Tech, Department of Computer Science and Engineering</i>	<i>September 2022 - Ongoing</i> <i>CGPA : 8.80</i>
Vrindavan Public School, Ajmer <i>Intermediate/+2</i>	<i>March 2020 - March 2021</i> <i>Percentage : 92</i>
St. Anselm Sr. Sec. School, Ajmer <i>Matriculation</i>	<i>March 2018 - March 2019</i> <i>Percentage : 92.2</i>

TECHNICAL SKILLS

Programming Languages: Java, JavaScript.
Web - Technologies: React, Next.js, Tailwind CSS, Node.js, Express.js, JWT.
Database: MySQL, MongoDB, PostgreSQL.
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	
<ul style="list-style-type: none">Developed a full-stack ecommerce site with role-based access control through collaborative development practices.Integrated Inngest for event-driven workflows, enabling asynchronous user and order synchronization with MongoDBDesigned dynamic API routes in Next.js and implemented secure Stripe payment flows with thorough debugging and unit testing.Built scalable MongoDB data models with cart and address management following software lifecycle best practices	
Imagify AI SaaS Text To Image Website View Project	GitHub
Tech Stack: React, Tailwind CSS, MongoDB, Node.js, Express.js, Clipdrop API	
<ul style="list-style-type: none">Built a full-stack AI SaaS platform generating 50+ images from user prompts during testing phases.Created automated CI/CD workflows to simulate real-world DevOps environments throughout the software lifecycle.Developed responsive UI using React and Tailwind CSS for seamless cross-device experience.Created MongoDB data models for credit system management following collaborative development and unit testing methodologies.	
DevOps Automation Pipeline	GitHub
Tech Stack: AWS, Node.js, Jenkins, Docker, Webhooks, CI/CD, Shell Scripting	
<ul style="list-style-type: none">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 DevOps environments throughout the software lifecycle.Collaborated with peers on containerization using Docker, focusing on repeatable builds and error reduction.Applied programming best practices with thorough debugging and unit testing to improve system performance and deployment scalability.	

CERTIFICATIONS

- AWS Certified Solutions Architect: Associate | [View Certificate](#) August 2025

EXTRA-CURRICULAR

Media and Photography Lead D2C Igniters Club	<i>June 2023 - Present</i>
<ul style="list-style-type: none">Led media and photography for two major events, <i>Vibes</i> and <i>Foragers 3.0</i>, driving participation of over 300 students, enhancing event visibility through creative content and increasing club engagement on social platforms by 30%.	
Video Editing Freelancing	<i>November 2022 - Present</i>
<ul style="list-style-type: none">Successfully completed multiple freelance video editing projects for clients via Fiverr, leveraging Adobe Premiere Pro and After Effects to deliver professional-grade content including motion graphics, seamless transitions, and advanced post-production effects.	