

Harsh Garg

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Education

SRM Institute of Science and Technology KTR, B.Tech in Computer Science and Engineering with specialization in cloud computing Sept 2022 – May 2026

- GPA: 9.09/10.0
- **Coursework:** Data Structures, Operating System, Computer Networks , Cloud Technologies

Experience

Full Stack Intern, blooMinG – Jaipur, India Nov 2024 – Feb 2025

- Designed and deployed a full-stack e-commerce platform, including a robust admin panel, enabling the business to successfully transition to a digital storefront
- Led the complete development lifecycle from planning to deployment, ensuring scalability, security, and a smooth user experience across devices
- Optimized backend performance and implemented key security measures, improving site speed and safeguarding user data in a production environment

Projects

Homiee

- Developed an end-to-end recommendation platform for apartment rentals, rentals and local services, integrating a Gradient Boosting ML model (92. 9% R2 precision) with a Flask-Next.js API for real-time compatibility scoring, and implemented a mobile responsive scalable user interface with advanced filters via Vercel and Render.
- Tools used: Next.js, Express.js, Prisma, Tailwind CSS, Machine Learning, Render, Flask

EcoBin

- Developed an IoT-enabled smart waste management system with real-time sensor input and ML-based autosorting (60% higher segregation efficiency), a responsive monitoring dashboard with MapBox-powered route optimization (25% reduction in fuel costs), and recognized as a finalist at the Temethon 25 Hackathon for innovation in urban sustainability.
- Tools used: ESP32-CAM, Python, Next.js, Node.js, MapBox API, Tailwind, PostgreSQL , YOLOv11

Mr. Montage – AI-Powered Valorant Montage

- Spearheaded an AI-powered tool for detecting in-game highlights in Valorant and generating automatic video montages, leveraging a real-time YOLOv5 + CUDA + Flask pipeline (70% reduction in manual editing time) and invited to showcase at Buildspace San Francisco Expo 24.
- Tools used: YOLOv5, Python, Flask, MoviePy, Machine Learning

Technologies

Programming Languages: C/C++ , Python, Java, Typescript , JavaScript

Technologies: React.js, Next.js, Tailwind, HTML/CSS, NodeJs, Express.js, Flask, MongoDB, MySQL, PostgreSQL, Prisma, JWT, OAuth, Docker, Firebase, YOLO, MoviePy, NumPy, CUDA , Vercel , Render

Languages: Hindi , English , French

Achievements and Certifications

- Qualified **SIH'23 Internal Hackathon**
- **Finalist** – Temethon'25, CodeFest'24, OsomeHacks'23, App-a-thon'24
- **NPTEL Certification** – Introduction To Industry 4.0 And Industrial Internet Of Things ,Programming in Java
- **Oracle Cloud Infrastructure 2024 Certified Foundations Associate**