

# Shivam Surroach

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## CAREER OBJECTIVE

Full-stack MERN dev building production-ready apps with robust auth, APIs, and scalable architecture. Beyond that, I design AI-driven systems using LangGraph, RAG, vector DBs, and embeddings—bridging frontend UX with intelligent backend automation for next-gen apps.

## EDUCATION

**B.Tech, Computer Science & Engineering**  
Maharaja Surajmal Institute of Technology

2022 - 2026

## PORTFOLIO

[Portfolio link ↗](#)

[GitHub link ↗](#)

## PROJECTS

### [The Wild Oasis ↗](#)

Jan 2025 - Mar 2025

Login with email:test1@gmail.com,password:test1,username:test1  
Built a secure full-stack Cabin/Hotel Booking platform with JWT-based authentication, cookie sessions, and refresh tokens for persistent login sessions. • Crafted the frontend using React and Tailwind CSS, featuring real-time form validation and toast-based UI feedback for smooth user interaction. • Structured a scalable system with distinct Admin and User dashboards, multi-route API integration, and Razorpay for reliable online payments.

### [AiTut ↗](#)

Apr 2025 - Present

AiTut     AiTut is an AI-powered educational assistant built to help learners access summarized knowledge, generate quizzes and find relevant YouTube content and generate mindmaps from YouTube videos . Built using NextJS, FastAPI, Langgraph, Clerk for authentication and authorisation and Convex (BaaS) to handle database operations

## SKILLS

- |                       |              |              |
|-----------------------|--------------|--------------|
| • C++ Programming     | • HTML       | • CSS        |
| • JavaScript          | • React      | • Node.js    |
| • Next.js             | • SQL        | • MongoDB    |
| • Generative AI Tools | • Express.js | • WebSockets |
| • Tailwind CSS        | • Python     | • PostgreSQL |