

# SHASHWAT DARSHAN

B.Tech Student in Computer Science Engineering

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[Linkedin Profile](#)

[Github](#)

India

## EDUCATION

B.Tech - CSE <a href="#">Dronacharya College Of Engineering</a> 08/2022 07/2026 India	GPA <b>8.3</b> / 10
Senior Secondary <a href="#">Suraj Bhan DAV Public School</a> 08/2020 07/2021 India	GPA <b>7.1</b> / 10
Secondary <a href="#">Suraj Bhan DAV Public School</a> 08/2018 07/2019 India	GPA <b>8.5</b> / 10

## PROJECTS

### C4Capture Website [\(Link\)](#)

05/2024 07/2024

C4Capture Website

- Developed a fully functional website for a freelancing client using the MERN stack
- Designed and implemented a booking system with real-time availability updates
- Integrated automatic email notifications to both the owner and users using SMTP
- Ensured smooth user experience through rigorous testing and iterative client feedback

### Humraaz - Law Copilot [\(Link\)](#)

06/2024 09/2024

Humraaz Law Copilot

- Developed a community app enabling societies to communicate, register complaints, and assist each other online
- Integrated a custom law chatbot for legal guidance and query resolution
- Designed and optimized backend for efficient user interaction management

### MedPal/NeuroSightai [\(Link\)](#)

11/2024 - current

MedPal Platform for Patient-Doctor Communication

- A platform created for seamless patient-doctor communication, enabling illness identification and accurate diagnosis
- Provides personalized health assistance for patients

### Life Vigil [\(Link\)](#)

12/2024 01/2025

Life Vigil Wildlife Conservator

- Led backend development for an AI-driven wildlife conservation app
- Managed deployment pipeline using Flask and FastAPI, and integrated MERN stack for backend-frontend communication
- Containerized app with Docker for scalability and leveraged LLMs for real-time data processing
- Streamlined integration of public and environmental data for conservation efforts

## KEY ACHIEVEMENTS

- TCS Codevita Achievement**  
Achieved rank of 914 out of 550k participants in TCS codevita 2024, showcasing problem-solving skills
- Competitive Programming Engagement**  
Active member of Codeforces and Top Coder communities, continuously improving programming skills
- Hackathon Participation**  
Participated in multiple hackathons, gaining experience in intensive problem-solving environments
- Project Development**  
Developed various impactful projects, leveraging full-stack technologies and AI

## SKILLS

- Soft Skills**  
Communication, teamwork, problem-solving, adaptability, critical thinking
- Programming Languages:**  
Python, JavaScript (Node.js), C++, TypeScript, Java

### Technical Skills

#### Backend Development: MERN + FLASK

- Languages: JavaScript (MERN stack), Python (Flask, FastAPI, Django)
- Frameworks: Express.js, Flask, FastAPI, Django
- Databases: MySQL, PostgreSQL, MongoDB
- API Development: RESTful APIs, GraphQL, OAuth2, JWT
- Tools: Git, GitHub, Docker, Kubernetes
- Cloud: AWS (EC2, S3, Lambda, auto-scaling)

#### Programming Expertise

- Algorithms: Advanced algorithms, Dynamic Programming, Divide and Conquer
- Data Structures: Trees, Graphs, Hash Tables, Stacks, Queues, Heaps
- Mathematics: Number Theory, Discrete Mathematics

#### LLM & AI Development

- Libraries: TensorFlow, PyTorch, Hugging Face Transformers
- Fine-Tuning: Custom LLMs for specific tasks (e.g., customer segmentation, text generation)