

# SUYASH DAHARWAL

Full Stack Developer | AI/ML-Oriented Engineering Student

+91 7389802319

 suyashdaharwal2005@gmail.com

 linkedin.com/in/suyash-daharwal

 github.com/Suyash-D27

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## SKILLS

- **Programming Languages:** C++, Java (OOP), Python, JavaScript, SQL
  - **Frontend:** React.js, HTML5, CSS3, Tailwind CSS
  - **Backend:** Node.js, Express.js, REST APIs, JWT Authentication
  - **Databases:** MongoDB (Aggregation Pipelines), MySQL
  - **Tools & Platforms:** Git, GitHub, Postman, Figma, VS Code
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## PROJECTS & EXPERIENCE

### Role-Based Hospital Management System (MERN) | 2025

- Developed a secure role-based access control (RBAC) system supporting **3 user roles:** Admin, Doctor, and Patient.
- Implemented **JWT-based authentication and authorization** to ensure secure access.
- Designed and optimized **complex MongoDB aggregation pipelines** for analytics and reporting.
- Built responsive and user-friendly frontend interfaces using **React.js**.

### Hotel, Monastery & Event Booking System | Full Stack Project

- Designed and developed a full-stack booking platform for hotels, monasteries, and events.
- Implemented **user authentication**, booking workflows, and automated **ticket generation** after successful bookings.
- Focused on scalable backend architecture and clean API design.

### VideoTube Backend | Node.js & MongoDB | Oct 2025

- Built a scalable backend system for a video-sharing platform supporting **video upload and processing**.
  - Optimized database performance using **Mongoose aggregation pipelines**.
  - Designed RESTful APIs with a focus on maintainability and scalability.
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## EDUCATION

### B.Tech in Artificial Intelligence & Data Science

LNCT Group of Colleges | 2023 – 2027

CGPA: 7.8

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## ACHIEVEMENTS & CERTIFICATIONS

- **Smart India Hackathon (SIH) 2025 Participant** – Developed a Hotel & Event Booking System.
  - Solved **200+ Data Structures & Algorithms problems** on LeetCode and GeeksforGeeks.
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## SUMMARY

- Full Stack Developer with hands-on experience in building **end-to-end MERN applications**.
- Strong foundation in backend development, database design, and API engineering.
- AI/ML-oriented engineering student passionate about building scalable, intelligent web applications.