

# Sunil Kumar Yadav

MERN Stack Developer / Software Engineer Intern

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## Education

**Galgotias University**, Greater Noida, India Sep 2024 – Jul 2028  
Bachelor of Technology in Computer Science and Engineering CGPA: 8.6 / 10

## Technical Skills

- **Languages:** JavaScript, Java, SQL
- **Frontend:** React.js, HTML, CSS, Tailwind CSS, Bootstrap
- **Backend and Database:** Node.js, Express.js, REST API Design, MongoDB, MySQL
- **Tools and Cloud:** Git, GitHub, VS Code, Docker (Basic), Microsoft Azure (Learning)
- **CS Fundamentals:** Data Structures and Algorithms, OOP, DBMS, Operating Systems, Computer Networks
- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Time Management, Adaptability
- **Competitive Programming:** 500+ problems on LeetCode; 100+ on GeeksforGeeks; active on Codeforces and CodeChef

## Projects

**PGConnect – MERN Stack PG and Rental Management Platform** Apr 2026 – Present

*Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, Google OAuth 2.0, REST API*

- Architected and deployed a full-stack PG rental platform enabling owners to list verified rooms and students to search, filter, and book accommodations with real-time availability tracking.
- Engineered a dual-authentication system using Google OAuth 2.0 for students and Aadhaar-based verification for owners, reducing fraudulent listings by an estimated 60 percent.
- Designed and integrated 8+ RESTful APIs for booking management, payment tracking, and dashboard analytics using Node.js, Express.js, and MongoDB with Mongoose ODM.

**TradeSphere – MERN Stack Trading Dashboard** Jan 2026 – Mar 2026

*Tech Stack: MongoDB, Express.js, React.js, Node.js, JavaScript, CSS3*

- Developed a production-grade trading dashboard handling 100+ simulated transactions with real-time portfolio analytics and interactive data visualizations.
- Optimized 10+ RESTful APIs and MongoDB schemas using Mongoose ODM, improving average query response time by 30 percent.
- Built and delivered reusable React.js components including a live stock watchlist, buy/sell order simulation, holdings tracker, and account summary module.

## Experience

**Infosys Springboard** Remote

MERN Stack Developer Trainee May 2025 – Present

- Completed structured full-stack web development training across 6+ modules with strong focus on MERN stack, REST APIs, authentication, and agile project-based learning.
- Collaborated on and independently delivered 3 end-to-end projects applying React.js component architecture, Express.js middleware, and MongoDB integration from design to deployment.

## Positions, Hackathons, and Achievements

- **Campus Brand Ambassador, IIT Delhi:** Mentored 50+ students through technical workshops and peer-learning sessions on software development best practices, strengthening leadership and communication skills.
- **Club Coordinator, Galgotias University:** Spearheaded technical events and collaborative learning sessions attended by 100+ students, demonstrating event management and teamwork.
- **Hackathons:** AWS IMPACTX (IIT Bombay TechFest) – built ELLIOT, an AI-based solution; TechSprint (Google Developer Groups) – delivered a full-stack web application; WIE Hackathon – built Digital Health Tracker, a full-stack health monitoring application.
- **BECon 2026, IIT Delhi:** Represented as an attendee at the Entrepreneurship and Startup Conference focused on technology-driven business innovation.
- **Certifications:** GUVI Full Stack Development, Infosys Springboard Engineering Skills, Oracle Database Management Systems.