

# Gautam Kumar

Jaipur, Rajasthan

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## Professional Summary

Currently, I am pushing the boundaries of the MERN Stack by integrating Generative AI and Real-time Systems to build production-grade SaaS applications. I thrive on solving complex backend challenges while keeping the frontend buttery smooth.

## Education

**Jagannath University**  
*B.tech in Computer Science*

Jaipur, Rajasthan  
2023 – 2027

## Technical Skills

- **Frontend:** React, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap

## Experience

### Yhills

Remote

*Full-Stack Web Development Intern*

02x2F;08x2F;2025 – 01x2F;01x2F;2026

- Developed a scalable full-stack application using the MERN Stack (MongoDB, Express, React, Node.js).
- Architected RESTful APIs using Node.js and Express to ensure seamless data flow between the client and server.
- Designed and managed MongoDB schemas to store user data efficiently, ensuring high availability and consistency.
- Built dynamic, interactive frontend components using React.js, improving user engagement by 25%.

## Projects

### Reworked Double Matcap | *JavaScript, WebGL*

- Developed a high-performance 3D rendering engine using JavaScript to implement advanced MatCap shading.
- Optimized rendering logic to calculate lighting and texture mapping in real-time without heavy external libraries.
- Enhanced visual fidelity by minimizing DOM operations, ensuring smooth 60 FPS performance on standard devices.

## Certifications

- **Full-Stack Web Development Certification** (YHills)