

# Gopal Damani

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## Professional Summary

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Entry-level Software Developer with practical experience building full-stack web applications using modern JavaScript technologies. Strong understanding of RESTful APIs, database design, and application architecture gained through hands-on projects. Motivated to apply problem-solving skills and clean coding practices to develop reliable software solutions in a collaborative engineering environment.

## Education

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### Bachelor of Technology in Computer Science and Engineering

JECRC University, Jaipur, India

September 2022 – May 2026

### Higher Secondary Education

Delhi Public School, Bikaner, Rajasthan

May 2019 – July 2021

## Technical Skills

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**Languages:** JavaScript, TypeScript, Java, HTML5, CSS3, SQL

**Frameworks & Libraries:** React.js, Node.js, Express.js

**Databases:** PostgreSQL, MySQL, MongoDB

**Tools & Platforms:** Git, GitHub, REST APIs, WebRTC, Postman, Docker (Basic)

**Concepts:** Data Structures and Algorithms, RESTful Architecture, Authentication, System Design Fundamentals

## Projects

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### WebRTC Real-Time Communication Application

[github.com/gopaldammani07/WebRTC-Project](https://github.com/gopaldammani07/WebRTC-Project)

*Technologies: JavaScript, WebRTC, Node.js, Socket.IO*

- Designed and developed a real-time audio and video communication application using peer-to-peer WebRTC connections.
- Implemented a signaling server using WebSockets to manage session initiation and connection negotiation.
- Optimized media streaming and connection flow, reducing call setup latency by approximately 30%.

### Task Manager Application

[github.com/gopaldammani07/Task-Manager](https://github.com/gopaldammani07/Task-Manager)

*Technologies: React.js, Node.js, Express.js, PostgreSQL*

- Built a full-stack task management system enabling users to create, update, delete, and track tasks efficiently.
- Developed RESTful APIs with input validation and structured error handling to ensure data integrity.
- Optimized database queries and API responses, improving application performance by nearly 25%.

### Employee Management System

[github.com/gopaldammani07/Employee-Management](https://github.com/gopaldammani07/Employee-Management)

*Technologies: JavaScript, Node.js, Express.js, PostgreSQL*

- Developed an employee management platform to maintain employee records, roles, and status updates.
- Designed relational database schemas and implemented secure CRUD APIs.
- Improved backend maintainability by modularizing code and following clean coding standards.

## Soft Skills

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- Collaboration and Teamwork
- Problem-Solving
- Adaptability and Continuous Learning

## Certifications & Achievements

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- Finalist in national-level hackathons, demonstrating strong teamwork and analytical skills.
- Completed hands-on training in full-stack web development and backend API design.