

# OM PRAKASH

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## Summary

Motivated and detail-oriented aspiring Full-Stack Developer currently focused on mastering the MERN stack and modern web development practices. Actively learning technologies such as React.js, Node.js, Express.js, MongoDB. Enthusiastic about building practical solutions and gaining hands-on experience in healthcare systems, and real-world web applications. Eager to contribute to collaborative projects and continuously grow as a developer.

## Education

### Lakshmi Narain college of Technology

Nov 2022 - Present

*B.Tech, Electronics and Communication Engineering*

- **GPA:** 8.37 CGPA
- **Coursework:** Data Structure and Algorithm, Operating System, Web Development, DBMS(SQL), Object-Oriented Programming, Linux Environments

## Projects

### Hospital Management System | [LINK](#)

Mar 2025 - May 2025

- Built a simplified Hospital Management System as a learning project using the MERN stack to manage appointments, patient records, and billing.
- Implemented modules for doctor-patient scheduling, electronic medical records (EMR), and inventory tracking with React and Node.js.
- Designed RESTful APIs for CRUD operations related to patients, doctors, and appointments, using Express.js and MongoDB.
- Focused on responsive UI/UX using Tailwind CSS and React Router for seamless navigation across dashboard sections.

### PG Finder Platform | [LINK](#)

Apr 2025 - Present

- Developing a PG Finder web application to help users search and list Paying Guest accommodations based on location and preferences.
- Integrated search filters for location, price, amenities, and room types using dynamic queries in Node.js and MongoDB.
- Created user roles (Owner and Seeker) with secure login/signup and protected routes using JWT-based authentication.
- Responsive frontend developed in React.js with state management for real-time listing updates and property bookmarking.

## Skills

- **Backend Development:** Node.js, Express.js, REST APIs, JWT Authentication
- **Database:** MongoDB, Mongoose (ODM for MongoDB), SQL Basics
- **Frontend Development:** HTML, CSS, React.js, Bootstrap, Tailwind CSS
- **Programming Languages:** Java, JavaScript
- **Tools & Libraries:** Git, GitHub, Postman (API testing), VS Code (IDE)
- **Soft Skills:** Problem Solving, Communication Skills, Time Management, Adaptability, Leadership, Attention to Detail

## Achievements & Certifications

### • Java Programming – Infosys Springboard

- Completed foundational to intermediate Java training covering OOP concepts, exception handling, collections, and file I/O.
- Gained hands-on experience with Java-based problem solving and object-oriented application development.

### • Web Development – Infosys Springboard

- Learned core web technologies including HTML, CSS, JavaScript, and introductory React.js.
- Built static and dynamic webpages, and explored concepts like responsive design, DOM manipulation, and basic client-server interaction.

### • Introduction to Cybersecurity – Cisco Networking Academy

- Gained foundational knowledge of cybersecurity principles, threats, and best practices for securing networks and systems.
- Explored topics such as cyber attacks, security principles, cryptography, and career pathways in the cybersecurity domain.

## Position Of Responsibility

### • GirlScript Summer of Code (GsSOC) 2024 – Contributor

- Contributed to open-source projects under the GsSOC 2024 program by resolving issues, enhancing documentation, and adding new features.
- Collaborated with project maintainers and fellow contributors via GitHub and Discord, gaining hands-on experience with version control and team workflows.
- Strengthened skills in Git, GitHub, and open-source best practices while contributing meaningful code to real-world repositories.