

# OJASVI SWAMI

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## OBJECTIVE

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Ambitious Electronics and Communication Engineering student at NIT Kurukshetra with a strong foundation in Data Structures, Algorithms, and full-stack development. Leveraging expertise in the MERN stack and a deep understanding of software engineering principles to create innovative solutions. Staying abreast of emerging trends in development to contribute effectively to team objectives and organizational success.

## EDUCATION

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### B.Tech in Electronics and Communication Engineering

National Institute of Technology, Kurukshetra

Expected May 2025

**CGPA: 8.44/10.0**

### Senior Secondary (XII)

Percentage: **99%**

2021

### Secondary (X)

Percentage: **97.2%**

2019

## PROJECTS

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### Real-Time Hotel Room Booking System — MERN Stack

Jun 2024 - Oct 2024

- Developed a responsive MERN (MongoDB, Express.js, React.js, Node.js) stack website for hotel room booking, demonstrating full-stack web development proficiency.
- Implemented real-time room availability updates, enhancing user experience.
- Integrated secure payment gateway and user authentication system, improving platform security.

[Project Repository](#)

### ScreenSense Browser Extension — ReactJS, WebExtensions API

May 2024 - Jun 2024

- Engineered a Chrome extension for screen time tracking using ReactJS and WebExtensions API, showcasing front-end development and browser integration skills.
- Implemented usage tracking algorithms and customizable alert systems, promoting healthier digital habits.

[Project Repository](#)

## SKILLS

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### Web Development

MERN Stack (MongoDB, Express.js, React.js, Node.js), RESTful APIs

### Programming

JavaScript, C/C++

### Computer Science

SQL, DBMS, OOPS, Operating Systems, Computer Networks, DSA

### Tools & Technologies

Git, VS Code, Chrome DevTools, Postman

### Soft Skills

Problem-solving, Teamwork, Time management, Adaptability, Communication

## EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

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- Led a team of 6 members for a personal project in Wireless Communication, demonstrating leadership and collaborative skills in a technical environment.
- Demonstrated strong problem-solving abilities by successfully solving over 350 Data Structures and Algorithms questions on platforms such as LeetCode and GeeksForGeeks.
- Actively participated as a member of the Embedded Systems and Robotics Club from December 2021 to November 2023, contributing to various projects and initiatives.