

Gautam Lodwal

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[Portfolio](#) | [Github](#) | [LinkedIn](#)

Education

Institute of Engineering & Technology, Indore

Oct 2021-Aug 2025

Bachelor's of Engineering, Electronics & Telecommunication

6.75 CGPA

S.G.S A.M.N.E.M School, Indore

May 2018-May 2021

12th-Senior secondary

74.2%

10th-Higher secondary

76%

Projects

1. [NoteWave](#) - A collaborative web app for **note-taking** and **file sharing**.

- **Challenge:** There's no specific app to create and share notes and it gets clumsy when you share notes on social media.
- **Outcome:** Web app allowing users to take notes and add PDFs and images which can be shared among other students.
- Utilised React **Redux** for state management.
- Implemented **JWT** authentication and local database connection.
- Engineered this app using **MERN** tech stack

2. [Voting App](#) - Orchestrated as part of learning **backend development**.

- **Challenge:** To understand the difference between authorization and authentication.
- **Outcome:** Application empower users to give votes to candidates.
- Employed **Bcrypt** for password hashing.
- Implemented **JWT** authentication and authorization.
- Engineered this app using **NodeJs, ExpressJS, MongoDB**.

3. [Task Management App](#) - Synthesised this task management app as part of learning **frontend development**.

- **Challenge:** To learn state management with **context api**.
- **Outcome:** Application allows users to manage their tasks.
- Applied **CRUD**(Create,Read,Update,Delete) operations

Skills

Tools & Platform: VS Code, Git, GitHub

Programming Languages: C++, JavaScript, Python, Java

Technologies: React JS, Next JS, Tailwind CSS, Vanilla CSS, Node JS, Express JS

Databases: MongoDB,SQL

Activities

- [Goldman Sachs Software Engineering Virtual Experience Program](#)
- [MATLAB Fundamentals](#) and other matlab courses
- Designer at Pratyaksh(IET's acting society)