

LOVKASH GARG

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🌐 [Linkedin](#)

🔑 [Leetcode](#)

🐙 [GitHub](#)

📁 [Portfolio](#)

EDUCATION

IIIT Pune , Pune , Maharashtra

BTECH CSE , CGPA : 8.83 , Graduation : June-2026

July-2022 - present

Pune , India

EXPERIENCE

Ecell - IIIT Pune Co-Head (Web Department)

Nov-2023 - present

- Built a responsive website for over **2000 users** using **Next.js** and **Aceternity UI**, improving **SEO performance by 30%**, resolving static rendering issues, and facilitating seamless deployment . [Link](#)
- Established a robust hosting environment on **Vercel** , integrating a custom domain from **GoDaddy** and deploying a scalable database on **MongoDB Atlas** , enhanced site performance by **30%** across all devices .

PROJECTS

FusionSpace - collaborative Workspace [🔗](#) | React.js , Socket.io , Tailwind CSS , Express.js Jan-2025

- **Real-time Editing** : Addressed the lack of collaborative coding platforms by enabling **real-time synchronized editing** , improving team productivity .
- **Dynamic File Management System**: Built a system to create , edit , and delete files collaboratively , Accomplished seamless synchronization using WebSockets , **reducing editing conflicts by 10%** .
- **Custom File Export Feature**: Implemented functionality to download all files locally , boosting platform usability and flexibility for users .

Acoustic Guard (Security Check System) [🔗](#) | Librosa , MFCC , Pandas , ANN

June-2024

- **Problem** : Critical gaps in human resource availability , **consistent attention** and support for **24/7 security** .
- **Solution**: Converted the audio file into 30-second clips from environment and converted into features using **Librosa** MFCC function and analyzing it using **ANN** .
- Model Trained on **8500 + audio samples** to detect mishap and sending **alert** to concerned.

EduHome [🔗](#) | React.js , ZegoCloud , MongoDB , Socket.io , Express.js

March-2024

- Implemented a comprehensive **Online learning platform** that enabled students to purchase courses, take mock tests , attend live classes .
- Developed the integration of **In-site Compiler alongside Live Server** for Web , achieving a notable improvement in **learning speed by 70%** .

TECHNICAL SKILLS

- **Languages**: C/C++ , Python , Java , JavaScript/TypeScript , SQL , HTML
- **Developer Tools**: VS Code , JupyterLab , IntelliJ IDEA , Google Colab
- **Technologies/Frameworks**: React.js , Node.js , Express.js , REST API , Next.js (basic) , MySQL , Redux Toolkit , Docker (basic) , TensorFlow , MongoDB , Socket.io , Tailwind CSS , Auth0 , GitHub .

HONORS AND ACHIEVEMENTS

- Reached a **3-star** Rating at [Codechef](#) , Pupil at [CodeForces](#) , **Knight** at (1861) [Leetcode](#) .
- Achieved a **Global Rank** of **543 out of 27,473 Participants** in Biweekly Contest at Leetcode .
- **Finalist** at PRAXIS-2024 - BlueBit Hackathon with over **90 teams participating** .
- Selected as a Contributor for Open Source Projects in **GSSOC 2024** .

CERTIFICATIONS

- Advance Learning Algorithms - Stanford Online [🔗](#)
- Postman API Fundamentals Student Expert - Postman [🔗](#)