

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

- Represented Ecell's web division, orating before groups of over **300 peers** , and successfully advocated for new technology trends , **increasing awareness by 25%** .
- Build a Website for over **2000+ users** [Link](#) with responsive Design using **NextJs** , **Acertinity UI** .
- Established a robust hosting environment on **Vercel** , integrating a custom domain from **GoDaddy** and deploying a scalable database on **MongoDB Atlas** , enhanced site performance and reduced load time by **30%** across all devices .

PROJECTS

FusionSpace- Collabrative Workspace [Link](#) | ReactJs , Socket.io , Tailwind CSS , ExpressJs

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 90%**.
- Custom File Export Feature**: Implemented functionality to download all files locally , boosting platform usability and flexibility for users .

Acoustic Guard (Security-check-system) [Link](#) | 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 sec clips from environment and converted into features using **Librosa** MFCC function and analyzing it by **ANN** .
- Model Trained on over **8500+ audio samples** to detect mishap and sending **alert** to concerned.

EduHome [Link](#) | ReactJs , ZegoCloud , MongoDB , Socket.io , ExpressJs

March-2024

- Implemented a comprehensive **Online learning platform** that enabled students to purchase courses, take mock tests , attend live classes which improved **Retention rate by 50%** .
- Developed the integration of **Insite 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 , PyCharm , IntelliJ IDEA , Google Colab
- Technologies/Frameworks**: ReactJs , NodeJs , ExpressJs , NextJs , Restapi , MySQL , Redux Toolkit , MongoDB , Cloudinary , Socket.io , Tailwind CSS , Auth0 , GitHub , Gen-AI , Zegocloud .

HONORS AND ACHIEVEMENTS

- Reached a **3-star** Rating at **Codechef** and Max Rating of (1749) **Leetcode** .
- Achieved a **Global Rank of 543 out of 27,473 Participants** in Biweekly Contest at Leetcode .
- Finalist** [Link](#) at PRAXIS-2024 - BlueBit Hackathon with over **90 teams participating** .
- Secured **3rd Position** at Poster Making Competition **Intra-IIIT Pune** .

Certificate

CERTIFICATION

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