LOVKASH GARG

Karnal, Haryana

📞 +91-9896316033 ✉ lovkashgarg@gmail.com 🔗 Linkedin ⭘ Github 🏷 Leetcode

EDUCATION

IIIT Pune , Pune , Maharastra   **July-2022 - present**
BTECH CSE , CGPA : 8.84   *Pune, India*
Graduation : May-2026

EXPERIENCE

Ecell - IIIT Pune Co-head (Web Department)   **Nov-2023 - present**
                                                                             Pune,India
- Represented Ecell Web Department and orated over **300+ students.**
- Build a Website for over **2000+ users** Link ↗ with responsive Design using NextJs,AcertinityUI.
- 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.
- Worked as **POC** for Esummit Junior, an event held every year for students of **200+** schools around Pune.

PROJECTS

Acoustic Guard (Security-check-system) ↗ | **Librosa** MFCC Pandas **ANN** NodeMailer   **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 trained on over **8500+ audio samples** to ANN to detect mishap and sending **alert** to concerned.
- GitHub

EduHome ↗ | ReactJs ZegoCloud MongoDb Socket.io ExpressJs   **March-2024**
- Developed and implemented a comprehensive **Online learning platform** that enabled students to purchase courses, take mock tests, attend live classes, and access teacher dashboards which improved **CRR (Customer Retention rate) by 50%** .
- Developed engaging online course content targeted at high school students, which resulted in increasing enrollment rates by **40%** for this audience.   GitHub

Selit ↗ | **Socket.io** ReactJs Tailwind css ExpressJs RazorPay   **Oct-2023**
- **Problem Solved** :Analyzed the Problem of Retarding Books and reduced time for selling by **100%** .
- **Customizable Chat Room** with message rate optimized at **1000ms** brought a community of deligent Individuals which boost the sales by **75%.**
- Project   GitHub

TECHNICAL SKILLS

- **Languages:** C/C++, Python, Java, JavaScript/TypeScript, SQL, HTML
- **Developer Tools:** VS Code, JupyterLab, Anaconda, PyCharm, IntelliJ IDEA, Google Colab
- **Technologies/Frameworks:** ReactJs, NodeJs, ExpressJs, Git, NextJs, **RESTAPI**, MySQL, MongoDB, Multer, **Socket.io**, Linux,Tailwind CSS, Vanilla CSS, GitHub, Gemini API, ZegoCloud.

ACHIEVEMENTS

PRAXIS-2024 - BlueBit Hackathon Finalist ↗   **Feb-2024**
                                                                                         Pune, India
- Among the Top **10 teams** within a pool of over 90 teams all over Maharastra.
- Made a **Bidding System** which updates bids in 400ms using Socket.io and MERN Technology.

GSSOC - GirlScript Summer of Code Contributor ↗   **Sep-2024**
- **Bobble AI:** Working for optimization **GPS Enabled Tracking System** for patients by 20% .

Solved over 300 Leetcode and GFG Data Structure and Algorithms Problems.

Secured 3rd Position at Poster Making Competition Intra-IIIT Pune.   Certificate

CERTIFICATION

- Advance Learning Algorithms - Stanford Online ↗
- Postman API Fundamentals Student Expert - Postman ↗
- Supervised Machine Learning: Regression and Classification- Coursera ↗