

Dev Agrawal

Leetcode: leetcode.com/devagrawal1112
Codeforces: codeforces.com/agrawaldev1112
Email: agrawaldev1112@gmail.com

Github: github.com/DevAgrawal1112
Linkedin: linkedin.com/agrawaldev1112
Mobile: +91-9045715714

EDUCATION

- **Indian Institute of Information Technology Kota** Jaipur, India
Bachelor of Technology - Electronics and Communication; CGPA: 8.27 (6th Sem) Dec 2020 - June 2024
- **Kanha Makhan Public School** Mathura, India
Class 12th (Science with Mathematics); Percentage: 86.6 May 2018 - Aug 2020

WORK EXPERIENCE

- **Web Developer Intern:** Bombay Marketers (Dec 2021 - Jan 2022)
 - Developed and optimized the checkout page component, implementing new user engagement techniques and seamlessly integrating transaction APIs.
 - Successfully rebuilt the checkout page, resulting in a significant increase in monthly new user growth from **22%** to **38%**.
 - Utilized technologies such as **ReactJS**, **Bootstrap**, **REST APIs**, and implemented robust error-handling mechanisms.

PROJECTS

- **ONLINE JUDGE — ONLINE CODING PLATFORM:**
 - Engineered an Online Judge platform enabling real-time code execution and evaluation for correctness, identifying compilation errors.
 - Implemented a **ReactJS** frontend integrated with a **NodeJS** backend, **Mongodb** database, and **JWT token** authentication.
 - Explored **Docker** techniques for code isolation to enhance security against untrusted codes.
 - [Github URL: Online Judge](#)
- **BLOCKCHAIN BASED ECOMMERCE WARRANTY SYSTEM USING NFTs (Hackathon - Team of 3):**
 - Spearheaded the creation of an **NFT**-based digital warranty card, detailing product information and tracking ownership.
 - Developed features including a Sign Up-Log In System, CRUD operations on products, engaging user games, product transfers, and ownership verification.
 - Utilized a **ReactJS** frontend, **NodeJS** backend, **Mongodb** database, and **Solidity** for smart contract implementation.
 - Deployed the smart contract using **ERC-721** NFT tokens for seamless token transfers between peers.
 - [Github URL: github.com/Warranty System](https://github.com/WarrantySystem)
- **SUNO GAANA:**
 - Engineered a Music Player displaying top songs, artists, and native songs based on the user's location.
 - Used **Shazam Core API** and **Geo Location API** for loading songs and live location of a user respectively.
 - Developed the frontend using **ReactJS**, **tailwind**, and incorporated **Redux**
 - [Github URL: suno-gaana](https://github.com/suno-gaana)

SKILLS SUMMARY

- **Languages:** C++, C, Python, JavaScript, SQL, MATLAB
- **Frameworks and Libraries:** ReactJS, NodeJS, HTML, CSS, ExpressJS, RESTful APIs
- **Developer Tools:** Git, Docker, AWS, Postman, Mongo DB(NoSQL)
- **Course Work:** Data Structures and Algorithms, OOPs, DBMS, Mathematics

ACHIEVEMENTS

- Pre-finalist in Flipkart Grid 4.0, ranking among the top 1335 teams from 1.5 lakh participants.
- College Level **Winner** in the Smart India Hackathon - April 2022.
- Achieved **AWR 59** in the Credit Suisse Global Coding Challenge 2022.
- Attained Max Specialist rating of **1427** at Codeforces.
- Solved **900+** problems on LeetCode covering diverse Data Structures and Algorithms.

EXTRA CURRICULAR EXPERIENCE

- **Student Placement Coordinator:** Spearheaded negotiations with HRs, fostering successful recruitment drives.
- **CACS:** Innovatively organized hackathons, attracting over 1000 participants, as the Technical Secretary.
- **Incognito Club:** Orchestrated and managed club events, captivating audiences of over 200+ with impactful programs.