VIRAJ CHANDRA

Codechef | **Codeforces** | **Leetcode** | **GFG**
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Degree/Board	Institution	Year	CGPA/%
B.Tech, IT	National Institute of Technology Raipur	2021 - Present	9.30/10.0
CISCE – XII	Spring Dale College, Lucknow	2021	97.8%
ICSE – X	Spring Dale College, Lucknow	2019	97.2%

TECHNICAL SKILLS

Languages: C/C++, Java (Basic), Python (Basic), SQL (Basic)
Web: HTML5, CSS, SCSS, Javascript, ReactJS, NodeJS (Basic), ThreeJS
Utilities: Linux Shell Utilities (Basic), Git, LaTeX, Canva, Figma
Soft Skills: Leadership, Event Management, Designing

PROJECTS

CodeUtsava7.0 [Link]
Club Project   Jan'23 - Mar'23
- Developed a full stack website for the Annual Coding Fest of NIT Raipur - CodeUtsava7.0.
- Implemented with ReactJs for live state-change handling, along with ThreeJs and GSAP animation libraries for rich UI/UX experience.
- Integrated Firebase and Google Sheets as database for applicant's information, **over 100+ users** everyday during Fest.
- Tech Stack : **ReactJs, NodeJs, ThreeJS, GSAP, FireBase.**

Iris Detection Control Model - VISIONARY [Link]
Iris Detection, Image Processing, Machine Learning   Feb'23 - Mar'23
- Developed a software model on face and iris matrix estimation, to achieve mouse functionalities such as mouse control movements, along with left and right clicks, all controlled by the Iris of a Person, specially in cases of Disability and Body Paralysis.
- Implemented a simple UI on python, and bundled the software for use, downloadable from a hosted website, along with a basic instruction guide of it's dynamics and working.
- Tech Stack : **Python, PySide6, MediaPipe, OpenCV**

MediVault [Link]
Health Tech, Blockchain, Ethereum, Smart Contracts   Mar'23 - Apr'23
- Developed a blockchain based EHR System, for accessing and managing Health Records of a patient, all under a decentralized database.
- Implemented etheruem gas contracts with Metamask and Ganache virtual Ethereum, and ran simulations for a full fledged backend system, maintaining patient as well as doctor records, along with secure transactions and data sharing amongst blocks.
- Tech Stack : **JavaScript, Truffle, Ganache, MetaMask, ReactJS.**

Dbugger [Link]
Project with a Cause, Web Development, Tutoring   Nov'22 - Dec'22
- Developed a Tutor and Mentoring platform for interaction and teaching of various concepts such as DSA, C++, JAVA, Web Development for the Sophomore batch of the college.
- Mentored 20+ students and created and managed technical content for the same with quizzes, tutorials and more.
- Worked as the Front End lead, designed and implemented UI/UX for the webpage of the project.
- Tech Stack : **HTML5, CSS, Javascript, Figma.**

WORK EXPERIENCE

Online Consultants Private Limited [Link]   *Lucknow, India*
Web Development Intern / Project Lead   May'23 - June'23
- **Collaborated in a team of five developers** to successfully deliver a full stack website, demonstrating strong technical leadership and expertise.
- **Effectively coordinated tasks, prioritized deadlines,** and managed to execute the project well before time allotted.
- Implemented front-end technologies (HTML, CSS, ReactJs) to create intuitive user interfaces, and utilizing back-end technologies (NodeJs) for database integration and API implementation. **Over 50+ visitors** everyday.

CG Mart [Link]   *Raipur, India*
Frontend Developer, UI/UX   Oct'22 - Dec'22
- Created designs for the **CG Mart website and app**.
- Developed the homepage for the website with front-end technologies (HTML, CSS, ReactJs). **Over 100+ users** of the project.
- Collaborated with a team of five members, under the hood of the **Chhattisgarh Government.**

ACHIEVEMENTS

- ACM ICPC '23 **Regionalist - Kanpur Site, Preliminary-Rank: 343/1500, Onsite-Rank: 69/150**
- CodeForces **Expert, Max-Rating: 1642**
- CodeChef **5 Star, Division-1, Max-Rating: 2022**
- LeetCode **Knight, Rating: 2120, Global Rank: 6.5K**
- CodeChef Starters 66 Div2 **Global Rank: 99**
- CodeChef Starters 56 Div2 **Global Rank: 317**
- LeetCode Biweekly Round 101 **Global Rank: 467**
- CodeForces Edu Round 149 Div2 **Global Rank: 746**
- 1500+ solved questions on various competitive platforms.
- **Winners of VIGYAAN - Aavartan 2023**, the National Tech Exhibiton with **500+ participants** and **100+ teams**, from all over the nation.

POSITIONS OF RESPONSIBILITY

Co - Ordinator
Training and Placement Office   July'23 - Present
- Training and Placement Co - Ordinator for Batch of 2025.

Technical Manager
Turing Club Of Programmers, NIT Raipur   Apr'22 - Present
- Developed and maintained the webpage for the Club's Annual Coding Event - **CODEUTSAVA 6.0** and organised it's events. Implemented frontend code in React and it's libraries, as well as backend models, and made migrations for same.

Design Manager
Turing Club Of Programmers, NIT Raipur   Apr'22 - Present
- Designed and published the posters and illustrations for TCP, NIT Raipur, for all social media handles.

MISCELLANEOUS

- Built an android app on **Background Tracking**, for Field Employee Supervision. **50+ downloads**. [Link]
- Developed a 3D game under the ThreeJs Library, a simulation of car driving, with gravity and collision detection algorithms.