VEDANT DUBEY

Codechef | **Codeforces** | **Leetcode** | **GFG**
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Degree/Board	Institution	Year	CGPA/%
B.Tech, ECE	National Institute of Technology Raipur	2027(Expected)	7.9/10.0
CBSE – XII	Trimurti Public School, Bilaspur, Chhattisgarh	2023	88.2%
CBSE – X	Brilliant Public School, Bilaspur, Chhattisgarh	2021	94.2%

TECHNICAL SKILLS

Languages: C/C++
Web: HTML5, CSS, Javascript, ReactJS, NextJS, MongoDB, TailwindCSS
Utilities: Git, Github, Visual Studio, Unreal Engine, GIMP
Soft Skills: Adaptibility, Time Management, Problem Solving, Team Collaboration
Core Subjects: OOPS, Network Theory, Electronic Device and Circuits
Operating System: Windows, Linux

PROJECTS

VRWell ⬀   *October'24*
A VR Wellness Companion (Team Project) - Codeutsav 8.0 Project
- Developed a VR platform to enhance seniors' social, cognitive, and physical well-being.
- Integrated Firestore for real-time biometric data storage and smartwatch data visualization in React.
- Created Dashboard for users to monitor health stats during immersive VR experiences.
- Tech Stack : **Tech Stack: ReactJS, Firebase, Python, HTML5, CSS3, Unreal Engine**

DevFlow ⬀   *August'24 - September'24*
Personal Project
- User Engagement and Contribution: Implemented features for users to create posts, submit answers, and upvote/downvote responses, fostering community interaction and knowledge sharing.
- AI-Powered Answer Generation: Integrated Gemini AI to provide AI-driven suggested answers to user queries, enhancing user experience with smart and automated responses.
- Real-Time Functionality: Built real-time updates for live question and answer feeds, allowing users to see new content and changes instantly without refreshing the page.
- Performance & Scalability: Deployed the application on Vercel, ensuring fast performance, scalability, and reliability with CI/CD integration via Git. Tech Stack : **NextJS, TailwindCSS, Typescript, MongoDB, React (Hooks, Context API), Clerk, Vercel, Git, Github**

My Portfolio ⬀
My own portfolio website
- Created an interactive and visually appealing portfolio website for myself.
- Made a responsive design for optimal user experience across multiple platforms.
- Used Framer Motion for 3D animations.
- Implemented HTML5 canvas in a creative way to display "approaches" section.
- Tech Stack : **NextJS, Typescript, Javascript, TailwindCSS**

Spooky ⬀
Immersive 3D Horror Game   *March'24 - Jun'24*
- Developed a fully immersive 3D horror game using Unreal Engine, designed to provide a chilling and suspenseful experience. The game features a dark, atmospheric environment with dynamic lighting, eerie sound effects, and realistic physics to enhance tension and player immersion.
- Tech Stack : **Unreal Engine, Audacity, GIMP**

ACHIEVEMENTS

- **Winner of Codeutsav8.0** - Runner Up in Central India's Largest Hackathon by NIT Raipur (300+ Teams)
- Ranked **9th out of 150+ teams** globally in American Allegiance of Education Hackathon
- Codechef Starters 148 Div4 **Global Rank:313**
- Codechef **Max-Rating: 1464**
- Shortlisted as a contributor in **Winter of Blockchain Girlscript Foundation'24**.
- Shortlisted as a contributor in **Girlscript Summer of Code'24**.
- **100+** solved questions on various competitive platforms.
- Selected for Flipkart GRID 6.0 Robotics Challenge 2024 Submission Round

POSITIONS OF RESPONSIBILITY

Pianist
Raaga Club, NIT Raipur   *September'23 - Present*
Selected as one of only two first years to join Raaga, the prestigious music club of NIT Raipur. Regularly performed as a pianist at all major college events, including the club's flagship event, Shruti. Contributed to the musical direction performances, showcasing a high level of skill and dedication to the club's activities.