

VARUN CHOUDHARY

CONTACT

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- [Leetcode](#)
- [PortFolio](#)
- [Github](#)

SKILLS

- Programming Languages:**
JavaScript, HTML5, CSS3, C++,
Python, TypeScript
- Frontend Development :**
React.js (Hooks, Context API,
Redux) , Nextjs , Tailwind CSS,
Motion , Framer Motion
- Backend Development :**
Node.js, Express.js, RESTful
API, Django, Flask , Redis ,
Kafka
- Database Management :**
MongoDB (Mongoose) ,
PostgreSQL
- Tools And Others:** Git and
Github Railway, Render, Vercel
, AWS , DigitalOcean
- Currently Learning :**
Solidity , web3 , Rust ,
containerization

EDUCATION

Netaji Subhas
University of
Technology
University of Engineering and
Technology
B.Tech in Electronics And
Communication.

2023-
2027

EXPERIENCE

Ignicult
Full Stack Engineer at **Ignicult**

FEB 2025-APRIL 2025

- Designed and implemented scalable web applications for a **Web3-integrated** gaming platform.
- Built two frontend pages:
- Main Platform Page: Used **Thirdweb** SDK for wallet connectivity and Web3 interactions. Integrated backend APIs for dynamic data handling.
- Analytics Dashboard:** Displayed key metrics using **API data from the backend** to monitor platform performance

PROJECTS
Animated-Videos-Genrator

May-2025

[GITHUB](#) [DEMO](#)

- Built a full-stack web app that transforms natural language **prompts into dynamic animations** using AI and p5.js.
- Developed a **custom p5.js sandbox** for securely executing and rendering **generated code in-browser**.
- Integrated Google Gemini (LLM) to generate executable p5.js code from user input in real time
- Architected a **Node.js + Express** backend with robust API routing and environment-based Gemini key handling.

RealTimeEditor

JAN-2025

[GITHUB](#) [DEMO](#)

- Developed a Full-Stack Collaboration Tool:** Designed and implemented a real-time collaboration platform **tailored for frontend developers and interviewers**, facilitating seamless teamwork through **live coding, design uploads, and real-time annotations**.
- Integrated Live Code Editor: Built a powerful CodeMirror-based editor, enabling real-time coding in HTML, CSS, and JavaScript with **instant live preview**.
- Enabled Real-Time Synchronization:** Leveraged **Socket** to synchronize code changes, annotations, and design uploads across multiple users, ensuring a smooth and **interactive collaboration experience**.
- Room Management:** Built features for creating and joining collaboration rooms.

BIGGAMEWARS

DEC 2024

[GITHUB](#) [DEMO](#)

- A **full-stack** web application using the MERN stack (MongoDB, Express.js, React.js, Node.js) to facilitate team-based competitions for popular games like **Valorant** and **BGMI**.
- Applied **JWT-based authentication** for secure login and signup functionality.
- Built features for user profile management, allowing users to **update their usernames** and contact the admin team directly.
- Deployed** the application on a **custom domain** ensuring a professional and reliable web presence.
- Estimated to **onboard 1,000+ active users**

VIDEOPLAYER

NOV-2024

[GITHUB](#) [DEMO](#)

- A **video player web application** using React for the frontend and MongoDB for video metadata storage.
- Enforced fully browser-based** seamless video upload and playback functionality, enabling users to watch videos directly in the browser **without additional software**.
- Ensured persistent video** availability by securely storing video metadata in MongoDB, **allowing access even after page reloads**.