Ayush Kumar

Computer Science and Engineering
Indian Institute Of Technology, Bhubaneswar
Portfolio:**Redirect**

✆ +91-8875231058
✉ Ayushkr7130@gmail.com
 Ayush Kumar
 Ayush Kumar

EDUCATION

•**Indian Institute of Technology, Bhubaneswar** — *2020 - Ongoing*
Dual Degree(B.Tech + M.Tech) in Computer Science and Engineering — CGPA$_6$: 7.70

•**Prakritik School** — *2020*
Class 12(10+2), Central Board of Secondary Education, Bihar — Percentage: 92.60

•**Dr. G.L. Dutta D.A.V. Public School** — *2018*
Class 10, Central Board of Secondary Education, Bihar — Percentage: 93.20

PERSONAL PROJECTS

•**iNotePad – Online Notes-taking application with fast Response time.** *(May2023-Jun2023)*
iNotePad is a note-taking web app where users can create accounts and take notes.

– **TECH-STACK: MERN Stack – MongoDB, Expressjs, Nodejs, React.js**, Bootstrap.
– By ingeniously integrating multiple NoSQL databases within a single application, we have created a groundbreaking solution for load and resource distribution, specifically tailored for smaller projects. This ingenious approach minimizes costs associated with high search demands and maximizes efficiency, ushering in a new era of scalability and performance.

•**NewsApp – Current Affairs website with real-time news.** *(Sep2022-Oct2022)*
React-based news app fetches trending updates in real time.

– **TECH-STACK: React.js**, Bootstrap.
– This web application delivers concise summaries, condensing the essence of news articles into less than 40% of their original length. By distilling the most vital aspects, it empowers users to grasp crucial information swiftly and efficiently, revolutionizing the way we consume news.
– It also cuts API latency by 20% through efficient asynchronous fetch operations for faster data retrieval.

•**BirdHunter – Bird Hunter is a third-person shooting game made in a 2D environment.** *(Jan2022-Feb2022)*
Bird Shooter: *Shoot birds, avoid harm and maximize your score.*

– **TECH-STACK:** Python (lib. Pygame).
– The primary objective of this project was to explore the Object-oriented Programming principles in Python, specifically focusing on the practical application of inheritance in real-time software, such as games.

SKILLS

Programming : C, C++, Python, JavaScript.
Web Development : HTML5, CSS3, Tailwind CSS, JavaScript, **React.js, Node.js, Express.js, MongoDB.**
CS Fundamentals : Computer Networks, Database Systems, Operating Systems, Object Oriented Programming.
Soft Skills : Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

LANGUAGES

•**English :** Professional proficiency
•**Hindi :** Native proficiency

INTERESTS

Web Development, 3.js, Web3 - BlockChain, Smart Contracts
Data Structures, Advanced Algorithms, Applied Algorithms, Graph Theory