

Ayush Kumar

Patna, Bihar

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Summary

Passionate web development student with expertise in HTML, CSS, JavaScript, and frameworks like React and Node.js, seeking opportunities to apply skills in creating dynamic and user-friendly websites. Eager to contribute to a forward-thinking organization and deliver impactful digital experiences.

Skills

Programming: C, C++, Python, JavaScript.

Web Development: HTML5, CSS3, Tailwind CSS, JavaScript, **React.js**, **Node.js**, **Express.js**, **MongoDB**.

Soft Skills: Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation

Personal Projects

iNotePad – Online Notes-taking application with fast Response time (May2023-Jun2023)

- **TECH-STACK:** MERN Stack – MongoDB, Expressjs, Nodejs, React.js; Bootstrap.
- **iNotePad** is a note-taking web app where users can create accounts and take notes.
- Implementation of multiple NoSQL databases patched up under one application for load and resource distribution which is ideal for smaller projects like these as opposed to single database implementation that makes the cost factor for search high.

NewsApp – Current Affairs website fetching the latest news from NEWS API response. (Sep2022-Oct2022)

- **TECH-STACK:** React.js, APIs, Bootstrap.
- Completely functional news updates app that fetches trending news from an API with React-based Frontend Architecture.
- The web app provides a summary instead of a full-length article conveying the crucial aspects of the news in less than 40% of total words.
- It also provides around 20% less latency from API by implementing an asynchronous fetch operation for each article.

TextUtils – Utilities for processing user input dynamic text. (Sep2022-Oct2022)

- **TECH-STACK:** React.js, Bootstrap.
- TextUtils is a collection of useful utility functions for manipulating String objects and formatting user-input dynamic text into a stylized format without the requirement of installing third-party software like Microsoft Word.

BirdHunter – Bird Hunter is a third-person shooting game made in a 2D environment. (Jan2022-Feb2022)

- **TECH-STACK:** Python (lib. Pygame).
- The game requires the player to shoot down as many birds as possible without getting hurt.
- Main aim of this project was to understand the Object-oriented Programming aspects of Python and the inheritance of characteristics from parent classes applied in real-time software like games.

Education

B. TECH in Computer Science and Engineering (Nov2020- Current)

Indian Institute of Technology, Bhubaneswar

CGPA-7.70

Class 12th (10+2) (Apr2019- June2020)

Prakritik School, Patna

Percentage-92.60%

Class 10th (Apr2017- June2018)

Dr. G.L. Dutta D.A.V. Public School, Patna

Percentage-93.2%

Languages

English Professional proficiency

Hindi Native proficiency

Interests

- Web Development
- Data Structures and Algorithms
- 3.js
- Blockchain
- Smart Contracts