

VIPIN KIROULA

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Education

Institute of Information Technology and Management, GGSIPU, India

2021 - 2024

- BCA | CGPA: 8.8

Government Co-ed Sarvodaya Vidyalaya, CBSE, India

2020 - 2021

- Commerce (Class XII), 92%

Technical Skills

- **Languages** : Javascript | C++ | Typescript.
- **Front End** : React | HTML | CSS | Tailwind CSS | Bootstrap | Redux.
- **Back End** : NodeJS | ExpressJS | Mongoose.
- **Database** : MongoDB, SQL.
- **Miscellaneous** : NextJS | Firebase Authentication | AWS S3 | GIT | GITHUB | Data Structures.

Projects

CLASS-CONNECT:

[LIVE](#) | [SOURCE CODE](#)

Engineered a cutting-edge educational platform incorporating interactive tools and live video conferencing that increased user engagement and facilitated collaborative sessions.

Tech-Stack: React, Express, MongoDB, Mongoose, REST APIs, Firebase, Video SDK, Tailwind CSS, Node JS, HTML, GIT.

- Developed and executed **real-time interactive quiz and poll** features for presentations, enhancing audience engagement and collecting valuable feedback through **open questions** during lectures.
- Seamlessly Integrated **real-time video conferencing** for interaction and discussions using Video SDK.
- Provide **real-time analytics** on student responses to assessment, offering insights into student performance and comprehension.
- Implemented **secure and reliable user authentication** using Firebase with a **fully responsive layout** across all devices.

HOMESTAYS:

[LIVE](#) | [SOURCE CODE](#)

A platform for matching local people with a spare home to rent to others who are visiting the area.

Tech-Stack: React, Mongoose, MongoDB, Express, Node JS, AWS S3, REST APIs, Tailwind CSS, HTML, Javascript, GIT, Google Auth.

- Guests can **search for accommodations based** on location or accommodation title.
- Hosts can effortlessly list diverse properties **by filling out a simple form** that includes detailed descriptions, high-quality photos, and flexible pricing options.
- Implemented an **instant booking system** with **automated email notifications**, enhancing user experience and increasing booking completion rates.
- Utilized lazy loading to render properties images efficiently for **optimized performance**.
- Created a **fully responsive design** along with **secure Google authentication** for easy and secure access.

ONLINE CODE EDITOR (Team Based) :

[LIVE](#) | [SOURCE CODE](#)

A browser-based code editor for seamless code compilation.

Tech-Stack: React, Express, NodeJS, One Compiler API, HTML, CSS.

- Added support for JavaScript language and **revamped a third-party API** for real-time code compilation, streamlining the development process.
- Integrated **local storage functionality** to preserve the user's recently written code along with a button to reset code to default boilerplate code.

Achievements

- **Secured 2nd place** in the inter-college coding competition "ODE TO CODE" focused on DSA and problem-solving.
- **Solved over 500+** problems on [leetcode](#), [geeksforgeeks](#) on different DSA topics and algorithms.
- Earned 100-day coding streak badge (2023) and 50-day coding streak badge (2023 & 2034) on [leetcode](#).
- Achieved **5-star rating** in Problem Solving in [HackerRank](#) and **2-star rating** in [Codechef](#).