

ROOPSAGAR K

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SKILLS

- ❖ Java, Python
- ❖ HTML, CSS, Javascript, Tailwind, ReactJS, EJS, Typescript
- ❖ NodeJS, ExpressJS, SQL, PostgreSQL, MongoDB, NextJS

EDUCATION

- ❖ Computer Engineering | HKBKCE, Bengaluru CGPA: 8.64 | (Dec '21- Apr '24)
- ❖ XII | Goodwill PU College, Bengaluru 91.16% | 2021

EXPERIENCE

- ❖ **Open Source Contribution** | repo: [ashutosh-rath02/git-re](#) (May '24)

Contributed to an open-source project using Next.js, TypeScript, and MongoDB.

Feature Implemented: Developed a feature to retrieve and display all recent users who have utilized the git-re feature on the landing page, improving user engagement and showcasing active user interactions.

PROJECTS

- ❖ **Question Paper Hub - Interactive Question Paper Sharing App [\(View\)](#):**
This app, built using **ShadCN, Next.js, PostgreSQL with Drizzle ORM, and TypeScript**, enables students and users to upload PDFs or manually create question papers. Key features include text extraction with **OCR, LLM (Gemini) integration**, interactive posts (public/private), upvotes/downvotes, comments for discussion, and instant test-taking based on uploaded papers.
- ❖ **Airbnb clone - Comprehensive Accommodation Booking App [\(View\)](#):**
This project is a full-stack Airbnb clone built using the **PERN stack (PostgreSQL, Express, React, Node.js)**. It includes user authentication using **JWT**, booking functionality, and accommodation management features.
- ❖ **Covid data analysis - WHO Covid-19 Data Analysis and Visualization [\(View\)](#):**
Analyzed WHO Covid-19 data from January 22, 2020, to July 27, 2020, using **Python**. Utilized **Pandas, Numpy, Matplotlib, and Plotly** for data analysis and visualization, with **Tkinter for GUI development** on Windows. Data sources included CSV files from Kaggle and GeoJSON files from DataHub.io.

POSITION OF RESPONSIBILITY

- ❖ **TECHSIUM '24 | ISTE, HKBK College of Engineering** (Jan '24)
Organized hackathon & conducted sessions for 200+ college students on Front End Web Development related topics.