



GitHub: <https://github.com/roopsagar-k/>

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ROOPSAGAR K

FULL STACK WEB DEVELOPER

CONTACT

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EDUCATION

2021 - 2025

HKBK COLLEGE ENGINEERING

- BE - Computer Science & Engineering
- GPA: 8.64 / 10

2020 - 2021

GOODWILL PU COLLEGE

- PCMC
- Percentage: 91.16%

2019

KIRAN HIGH SCHOOL

- Percentage: 89.92%

SKILLS

- JAVA, Python
- HTML, CSS, JavaScript
- ReactJS, NextJS, Tailwind
- PostgreSQL, MongoDB
- NodeJS, ExpressJS, EJS
- Typescript, ShadCN
- GIT, Postman, Linux (Ubuntu)
- Numpy, Pandas, Matplotlib, Plotly

PROFILE

Motivated Computer Engineering student with expertise in Full-Stack Web Development and Data Analysis. Skilled in PostgreSQL, JavaScript frameworks, Python, and data visualization tools. Proven track record in building user-friendly applications, analyzing complex datasets, and contributing to open-source projects. Experienced in organizing tech events and delivering impactful training sessions. A quick learner who excels in both collaborative and analytical environments.

EXPERIENCE

- Open Source Contribution** (MAY' 2024)
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** ([Link](#))
 - Built using ShadCN, Next.js, PostgreSQL with Drizzle ORM, and TypeScript.
 - Enables students and users to upload PDFs or manually create question papers.
 - Features text extraction with OCR and LLM (Gemini) integration.
 - Allows upvotes and downvotes on posts to gauge popularity or relevance.
 - Includes a comment section for discussion and feedback.
 - Offers instant test-taking based on the uploaded question papers.
- Airbnb clone - Comprehensive Accommodation Booking App** ([Link](#))
 - Full-stack Airbnb clone built using the PERN stack (PostgreSQL, Express, React, Node.js).
 - Implements user authentication using JWT for secure login and access.
 - Includes booking functionality for users to reserve accommodations.
 - Features accommodation management capabilities for listing and managing properties.

PROJECTS

- **Covid data analysis - WHO Covid-19 Data Analysis and Visualization** ([Link](#))
 - 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.
 - Developed a GUI using Tkinter for easy interaction on Windows.
 - Used data sources from CSV files (Kaggle) and GeoJSON files (DataHub.io) for comprehensive analysis.
- **Aime-Sphere - APIs Based Anime Explorer:** ([Link](#))
 - Web application that allows users to explore trending animes.
 - Provides personalized anime recommendations.
 - Enables searching for detailed information on any anime..
 - Utilizes public anime APIs to fetch data.

POSITION OF RESPONSIBILITY

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

CERTIFICATIONS AND COURSES

- **ADVANCE JAVA | HKBK College of Engineering**
- **MASTERING PYTHON | INFOSYS SPRING BOARD**
- **Learn React | Scrimba**
- **NO SQL & MongoDB | INFOSYS SPRINGBOARD**