

Karandeep Singh

SOFTWARE ENGINEER

Rourkela, Odisha, India | kdsingh.contact@gmail.com

[LinkedIn](#) 

[GitHub](#) 

[Portfolio](#) 

[Kdsinghcoder.github.io](https://kdsinghcoder.github.io)

Education

COMPUTER SCIENCE AND ENGINEERING | BATCH OF 2023 VELLORE INSTITUTE OF TECHNOLOGY | VELLORE

- Current CGPA: 8.6

ISC | DESOUZA'S SCHOOL | ROURKELA

- score: 85.1%
- (PCM+CS)

Projects

DOCSTREME

- DocStream is an alternative to Google docs it allows users to host their documents, access from anywhere and team mates to collaborate in real time.
- Uses socket.io to setup communication between client and server.
- Document can be hosted in just two steps, increasing the user experience.
- All data gets encrypted to provide users privacy no name email or identification required to get started.

BONDMANTAINER

- Bond maintainer is a connection manager tool.
- It is integrated with **twilio API** allowing bond maintainer to send event reminders to user's phone number.
- File management using **multer** allows profile picture operations.
- Authentication integration with passportJs
- MongoDB integration to store user's data.
- Sensitive data is encrypted before storing into database.

SAY HELLO

- Say Hello is a speech to text/Sign Language converter.
- Window's tool kit is used for speech recognition.
- **Multer** integration allows profile picture operations.
- Authentication module integrated.

TRAVEL-BUDDY

- This site helps my college mates finding travel mates while travelling.
- Works on the real time database collected from the users.
- MongoDB in backend for data storage.
- Built using express on nodejs.
- Authentication enabled via Passport local strategy.

Skills

Here are technical skills I possess and am comfortable with.

LANGUAGES

JavaScript | c++ | c | python | java

DATABASES

MongoDB | MySQL

FRAMEWORKS

Express | React | Bootstrap | Tailwind


TOOLS

NodeJS | Postman | Git | Github | Slack | Socket.io

Accomplishments


BEST BEGINNER HACK

| HACK OFF V3.0 PIZE WINNER BY MLH

- MEARN STACK PROJECT
- Organ Donation System ([donateorg](#) )
- Online portal for hospitals where a normal user can search for Organs, blood and plasma in cases of emergency and it would show the nearest hospital pertaining to those conditions.

SECURED FIFTH SPOT IN MEXILI WINTER OF CODE

| BY MEXILI

- Secured fifth rank in open source competition while contributing to [UniAuth](#)  a next generation authentication system which allows users to integrate authentication with minimal code.

SHORTLISTED FOR EDUCATION OUTREACH SCHOLARSHIP

| BY GIRLSSCRIPT FOUNDATION

- Mentorship and resource assistance from the organization.

Experience

WORKED AS A FREELANCE WEBDEVELOPER

- Build static sites for clients
- Form data collection in excel using Google form api.
- Auto generated emails to clients as an acknowledgment
- Building email list for client using form data.
- Find my work [\[here\]](#) 