

# Ravindra Kumar Saini

[Gmail](#) | [Portfolio](#) | [Github](#)

## Technical skills

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- **Languages:** Python, Javascript, Typescript, C, HTML, CSS
- **Framework:** FastApi, SvelteKit, Flask
- **Additional Tools & Technologies:** Linux, SQLite, Git, Helix IDE, Vim, SSh, Docker, Postgres, Cli, Data structure, and Algorithms.

## Projects

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### TOTP AUTHENTICATOR

#### Version 2

- Developed by using the Sveltekit framework providing users real-time TOTP generated by secret URL.
- More user-friendly, simple, and useable compared to version 1. Focused on ease of use.
- User data is encrypted and stored in local storage.
- No backend required, and hosted on Cloudflare Pages
- Technologies used: SvelteKit, Svelte, TypeScript, Tailwind, Vitest, etc.
- [Live Demo](#) | [Github](#)

#### Version 1

- Designed to retrieve real-time TOTP of user's accounts via web login.
- Security features like encryption, and protection like injection attacks, and transactions are kept.
- Technologies used: Python, Javascript, HTML, CSS, SQLite, Database(lib), FastAPI, etc.
- [Live Demo](#) | [Github](#)

### GNU COREUTILS

- Made some LINUX CLI like ls, grep, cat, True, False, sleep, tail and many more.
- [Github](#)
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### ONLINE CLIPBOARD

- Made a web using Flask to send messages online. A 6-digit key is generated to retrieve the message.
- Data is removed after a specific period.
- [Github](#)

## Educations

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- **Graduation:** BSC (Maths) PDSU University - Sikar (2023)
- **Senior Secondary:** SBS Senior Secondary -Sikar
- **Secondary education:** Central Children Academy - Ringus

## Courses

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- **MIT open courseware 6.006:** Learn about Data structure, Algorithm, Time complexity, and Space complexity.
- **CS50X Harvard University by David Melon:** Learn about basics of computer programming like Linux, Computer memory architecture, C, Python, Flask framework, SQLite, and all.
- **CS50's Introduction to Databases with SQL:** Learn about Sqlite, Query, Designing Database, and E-R diagrams.

## CHALLENGES

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- **Advent of code 2023:** 17 STARS
- **Leetcode:** 100, 50 DAYS BADGE