

Oitihjya Sen

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hello@otee.dev; <https://otee.dev>; github.com/oitee

PERSONAL PROJECTS

RemindMe Flash Cards

A web-app that replicates flash cards, by randomly displaying questions & answers from a given data-set

- Built using: Clojure, Ring, Compojure, Bootstrap/CSS
- Deployed: <https://remind.otee.dev> ([code](#)) ([documentation](#))

Twirl URL Shortener

A web app that shortens URLs on a per-user basis, with basic analytics tracking

- Unique short links generated by using counters on PostgreSQL and a pseudo-random string
- Password storage with salted HMAC, using standard pbkdf2 function
- Authentication middleware to enforce redirection to log-in page without encrypted session cookies
- Built using: Node.js, Express.js, Mustache templates, PostgreSQL, JavaScript, Bootstrap/CSS
- Deployed: <https://twirl.otee.dev> ([code](#)) (documentation: [1](#), [2](#), [3](#))

Cardimom Twitter Bot

A bot that consumes XML feeds from selected blogs and tweets new posts

- Idempotency guarantees and at-most once semantics
- Built using: Node.js, PostgreSQL, Twitter REST API, deployed on Heroku
- Deployed: <https://twitter.com/cardimomT> ([code](#)) ([documentation](#))

Crisp Lisp interpreter

A simple Lisp interpreter that evaluates S-expressions in LISP languages like Clojure, using LR-parsing

- Built using: Node.js; Code: <https://github.com/oitee/crisp> ([documentation](#))

Tech Blog

Self-documentation of technical concepts. Over 40 articles published; 1500+ new users in the past 90 days

- Built using Jekyll static site generator, hosted on Github Pages, served on Google domains
- URL: <https://otee.dev>

WORK EXPERIENCE

Helpshift – Software Engineer

May, 2022 - ongoing

Vidhi Center for Legal Policy – Research Fellow (Legal)

March, 2019 - July, 2021

EDUCATION

Recurse Center – NYC, USA

January, 2022 - February, 2022

Hidayatullah National Law University – Raipur, India

BA. LLB (Hons), 2018

SKILLS

Programming Languages: Clojure, JavaScript

Frameworks and Tools: PostgreSQL, Redis, MongoDB, Express.js, Git, Emacs, VS Code, Heroku

LINKS

hello@otee.dev | github.com/oitee | twitter.com/oteecodes | linkedin.com/in/oitihjya | medium.com/@otee.dev