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EDUCATION

Bachelor of Engineering - Computer Science Engineering Nov 2020 - Jun 2024
Karpagam Institute of Technology, Coimbatore, Tamil Nadu
CGPA 8.1/10

SKILLS

Languages Golang, Java, SQL.
Technologies/Frameworks Ruby on Rails, Docker, RSpec, Bash Scripts, Gotest, Git.
Developer Tools Linux, Render (Web Hosting), Postman.

PROJECTS

Reddit like Blog Application [Live Link](#) | Ruby on Rails Jul 2023

- Like reddit, topics are available to create and under each topic, posts can be created.
- For each post there is a comment section, with each comment a separate rating section, and also ratings can be given to posts.
- Specific tags can also be added, and using tags & dates posts can also be filtered.
- User Authentication and Authorisation is implemented.
- Ajax calls for every post to indicate read/unread, and ajax calls to create posts.

Live Messaging Application [Live Link](#) | Ruby on Rails Oct 2023

- Optimized and clean back-end codes with Facebook's Messenger like front-end.
- Self Join on user db model.
- Uses ActionCable for real-time communication.

Blockchain Based Certificate Verification | ETH, Fast API Jan 2024

- A certificate verification program that handles processes using blockchain network(eth) to reduce the complexities of manual communication and time delay.
- This project encrypts UID, Course Name and College name and stores it in IPFS(Pinata), and also the encrypted code in the blockchain network.
- When verifying, the program takes the hash value and checks in the blockchain network, provided the blockchain network is immutable.

Personal Dotfile Config [Source Code](#) | Bash Aug 2024

- Combination of scripts and keybinds, producing organized and streamline workflow.

Portfolio Website - Thiya Academy [Live Link](#) | HTML, CSS Sep 2024

- A simple portfolio page for THIYA ACADEMY PVT LTD.

Snippet Box - Paste-Bin/Gist [Source Code](#) | Golang, HTML Oct 2024

- A Golang project, starting with net/http, to adding struct for decoupling, logger, models, raw SQL, html templates, passing multiple data to html, helper methods, middleware, session management, error handling, https (TLS), routes, authentication, authorization, csrf tokens, and testing.
- For better understanding, kindly look at the commit messages. [Commit Logs](#)