

THRISHAN ANBAZHAGAN

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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

High School Diploma - State Board Jun 2017 - Apr 2020
Kamarajar Matric Hr. Sec. School, Namakkal, Tamil Nadu
HSC 86.5%
SSLC 95.6%

SKILLS

Languages: Ruby, Core Java, C, SQL, HTML/CSS, Javascript.

Developer Tools: VS Code, RubyMine, Eclipse, Render (Web Hosting), Vim, Linux, Tmux.

Technologies/Frameworks: Ruby on Rails, Bootstrap, Git, GitHub, JQuery, AJAX, RSpec (Rails Unit Tests), Bash Scripts, REST API, Docker.

PROJECTS

A 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.
- N+1 query optimization is done in SQL queries.
- Ajax calls for every post to indicate read/unread, and ajax calls to create posts.

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

- Optimized and clean back-end codes with Facebook's Messenger like front-end.
- Uses ActionCable for real-time communication.
- Jobs for processing the requests and updating the views using JS.

A 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

- Tired of managing windows and switching between tasks and workspaces. So I came up with this solution of a fast and more organized workflow. Using i3wm/ tmux/ nvim.
- A i3 window manager with my own custom scripts and binds in combination with other famous scripts on github to make my learning faster and more manageable.