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 - 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.*

Portfolio Website - Thiya Academy *Live Link* | *HTML, CSS*   *Aug 2024*