Ashvith Shetty

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Skills

Languages:	JavaScript, Python, Ruby, TypeScript, C, Scheme
Tools:	Git, Docker, Guix
Databases:	PostgreSQL, MongoDB, SQLite
Libraries:	React, ExpressJS, NextJS, Jotai, Tailwind, MikroORM, Rails

Experience

CaRPM   Remote
Fullstack Intern   Nov, 2022 − Feb, 2023

· Integrated Shiprocket's API into the Rails backend, expanding user choices for delivery vendors.
· Developed new views for newly implemented models, enhancing user-experience across client and administrative dashboards.
· Refactored and optimized existing ERB view and CoffeeScript snippet in the page for improved performance and maintainability.
· Developed and maintained RESTful APIs for the mobile app, facilitating user-authentication and push notifications.

Education

NMAM Institute of Technology   **Udupi, Karnataka**
B.E. in Computer Science & Engineering   Aug, 2018 − Sep, 2022

Projects

Personal website ⌝   NextJS, Tailwind
Developed a personal portfolio for potential employers and collaborators to easily review my work, learn about my interests and read my thoughts.

Toralize ⌝   C
Developed a C application to explore network redirection through the Tor network using application call interception and and SOCKSv4 network communication.

Plinko simulation ⌝   VanJS
Developed a game simulation inspired by Stake's Plinko, pre-calculating all deterministic travel paths to enhance gameplay efficiency and user engagement.

Contributions

GNU Guix ⌝   Guix, Guile Scheme
As a member of the Guix organisation, expanded the GNU Guix package repository by adding 14 new packages, maintaining 18 others, testing and reporting bugs on master channel, and participating in community discussions to improve package quality and availability

Nixpkgs ⌝   Nix
Contributed to Nixpkgs by testing and reporting bugs on unstable channel, and participating in discussions related to package maintenance and repository improvements.

GitLab ⌝   Rails, VueJS
Contributed to GitLab's open-source infrastructure by adding a new data model to the Rails backend and enhancing key sections of the API documentation.