Chaitanya Varu

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EXPERIENCE

Makerble

Ruby on Rails Developer — March 2024 - Present

- Implemented automated linters via scripts, saving 4–5 hours per week for the team.
- Reduced developer friction by scripting Postman requests to auto-update API configs, accelerating iteration during development.
- Extended the custom field module to support email input with validation, improving data integrity.
- Resolved a CSV export failure caused by edge-case data generation issues, restoring consistent and accurate reporting.
- Optimized SQL queries and fixed N+1 issues with ActiveRecord joins; improved data access speed using Redis caching.
- Led and mentored a team of 3 developers, introducing streamlined dev workflows, pair programming, and hands-on debugging guidance to improve team efficiency.

Ruby on Rails Intern — September 2023 - February 2024

- Achieved a 40% improvement in search performance by optimizing data retrieval functions.
- Developed microservice for QR code generation and URL shortening, facilitating branded and offline survey distribution.
- Built advanced data filters including inclusive/exclusive logic, enabling deeper insights across complex survey datasets.
- Refined navigation and layout to improve clarity and user experience.

PROJECTS

Simple RSS | Source Code | Live Link

- An RSS reader that aggregates updates from multiple feeds, allowing users to quickly view content and save time.
- Leveraged Gemini AI to summarize articles, enabling faster reading and comprehension.
- Supports OPML feed import/export, offering convenient feed management and backup.
- Built using *Ruby on Rails, PostgreSQL, Hotwire, Web Speech API*

Pravah | Source Code | Live Link

- Designed a habit-tracker with a goal-driven heatmap to visualize daily consistency.
- Facilitated collaborative progress by enabling user groups to promote accountability
- Deployed on Cloudflare Workers, ensuring fast, globally distributed habit tracking with low latency.
- Built using *ReactJS, Tanstack Router, HonoJS, Drizzle ORM, SQLite*

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Ruby
Frameworks: NodeJS, ExpressJS, ReactJS, Ruby on Rails
Database: PostgreSQL, SQLite, MongoDB
Developer Tools: Git, Docker, Postman

EDUCATION

Bhilai Institute of Technology — Durg
B.Tech, Computer Science Engineering — *July 2019 – June 2023*

Vikas Vidyaniketan — Vishakhapatnam
12th, Central Board of Secondary Education — *April 2017 – March 2018*

Shri Balaji Vidya Mandir — Raipur
10th, Chhattisgarh Board of Secondary Education — *April 2015– March 2016*