

Yesh Chandiramani

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Experience

Dispatch

New York, NY

Full-Stack Software Engineer

Jun 2023 - Present

- Spearheaded the design and implementation of a onboarding flow using **MongoDB and Typescript**, enabling automated support for **4 e-commerce platforms** with unique requirements, while ensuring compatibility with existing product functionality
- Redesigned the onboarding flow's routing system in **NextJS**, **reducing** the number of routing errors from **2 per minute to 0**
- Implemented a **Shopify app** using **ReactJS**, enhancing the merchant onboarding process from manual setup to a **3-click** integration, enabling seamless product data sharing and sales channel management between Dispatch and Shopify

Software Engineer

- Deployed a set of **Solidity** smart contracts on **Ethereum** and **Polygon** that reduced an expensive 3rd party API query by 99%
- Designed an analytics system using **Typescript in NestJS** to allow merchants to gain insights on how users engage with their product checkout page
- Extended internal **GraphQL** endpoints into **OpenAPI** specified **REST** endpoints to allow 3rd party access to Dispatch's SDK

Uber

New York, NY

Software Engineer

Jun 2022 - Sep 2022

- Increased the **accuracy** of logging real time advertisement impressions on the Uber Eats backend by **46% in Golang**
- Integrated real-time impression capping API into the Eats web client using **React JS**, ensuring synchronized platform behavior
- Developed **Python scripts** to create scorecards for **9 teams**, tracking developer productivity and team-specific metrics

Solo

Seattle, WA

Software Engineer Intern

May 2021 - Aug 2021

- Programmed **2** data scrapers with **Javascript** to demonstrate a proof of concept that would cut operational costs by **30%**
- Developed **backend API** routes in **Ruby on Rails** for homepage leading to **23%** more traffic to the platform's jobs marketplace
- Deployed a **Node.js** script on **Heroku** that checks for the app's uptime resulting in **100%** less unscheduled app downtime

TradeGecko

Singapore

Software Engineer Growth Intern

Jun 2017 - Jul 2017

- Redesigned B2B e-commerce platform resulting in **18%** more engagement from incoming potential customers
- Tailored **SEO** of our customers' store pages, ranking as the **top search engine result** and boosting customer sales by **12%**
- Collaborated on large codebases using **Ruby on Rails and Ember.js**, contributing to projects by utilizing a **git** workflow

Projects

Zappy.sh - Golang, Rust, Postgres

Developed a personal URL shortener in Golang to track visits to the links shared with others. Built a CLI tool in Rust to interface with the service's APIs.

zappy.sh/zappy

KVS - Typescript, Socket.io, Docker

Led a team of three to develop a highly available, sharded, fault-tolerant, and eventually consistent key value store like Redis. Configured Docker to run the distributed system and a rotating socket.io server to communicate changes to the replicas.

zappy.sh/kvs

Battleship - React, Websockets, Typescript

Designed a single player edition of Battleship where the user has to aim for the AI's ships. The game is controlled by an Arduino joystick and sends actions to the game server using USB serial communication. The game server uses websockets to relay the controller's actions and updates the UI using a reducer pattern. The game's UI runs as a web app written with React in Typescript and Tailwind CSS.

zappy.sh/battleship

Rosie - ReactJS, Typescript, Google Cloud Platform (GCP)

Programmed a Chrome extension using React that reads the contents of a webpage aloud using a natural text to speech voice powered by GCP. The backend is running on a GCP serverless function.

zappy.sh/rosie

Education

University of California, Santa Cruz

BS in Computer Science, GPA: 3.92, Graduated Magna Cum Laude

Santa Cruz, CA

Certification in Data Science and Machine Learning

7 week intensive bootcamp hosted by UpCode Academy Singapore

Singapore

Skills

Programming Languages: Typescript, Python, JavaScript, Golang, Rust, Ruby, C, Java, HTML, CSS, SQL

Frameworks: ReactJS, NextJS, NestJS, Django, Ruby on Rails, Fiber, Fx