

Anaswara T Rajan

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EDUCATION

Government Engineering College Palakkad

Bachelor of Technology in Computer Science and Engineering - CGPA 7.81

Kerala, India

Aug 2017 - Aug 2021

EXPERIENCE

Senior Software Engineer | Software Developer Engineer (3yrs+)

Aug 2021 - present

McKesson Compile

Bangalore

- Developed a centralized customer dashboard using Django and Nuxt. Notifications, FAQ, Release-notes systems were built in place along with a custom django admin for internal team's content management, thus streamlining sales communication and reducing support ticket volume.
- Compile, a small startup was acquired by McKesson, a global healthcare leader. Assisted and provided technical support through the acquisition process. Contributed to post-acquisition migration efforts to parent platform with comprehensive testing, addressing critical security vulnerabilities and providing untimely support.
- Maintained and built upon a customer-facing app providing visibility on the data we sell using Django REST framework and Nuxt, reduced support inquiries, sped up contracts provisioning and improved overall customer satisfaction.
- Successfully integrated an in-house data QA library with a Nuxt UI using DRF API, optimizing data fetching and enabling live visibility on QA status of datasets.
- Well versed in Django and DRF after 3 years of maintaining a large in-house Django code-base with timely upgrades, performance optimisations, security fixes, reduced technical debt through systematic removal of legacy code and implementation of best practices.
- Setup Sentry, GitLab CI/CD and other automation scripts to streamline frontend development, improve error tracking and swift delivery of customer requirements.
- Created and maintained an internal visibility tool of provisioned data across snowflake/other data delivery platforms using Django and SQLAlchemy dialect for Snowflake. This saved hours/days for the sales team by automating contract policing processes.
- Collaborated with Data Acquisition team and utilized an in-house Scrapy-based framework to extract healthcare provider data from multiple sources which enriched our data offerings.

Software Developer Intern

May 2020 – July 2020

CompileInc

Remote

- Developed an NDC-HCPCS lookup tool using Django Rest Framework and Nuxt.js, allowed users to quickly search and export drug data. Implemented accessible UI with intuitive search functionality using Nuxt.
- Created and memory optimized ETL pipeline using Python, that fed lookup data from updated source into a PostgreSQL database daily.
- Utilized Scrapy to extract SEO relevant long tail keywords from healthcare websites, generated keyword reports for market context data analysis/ SEO strategies.
- Integrated an automated page generation tool with Django to CompileInc blog.

Freelance Web Developer

July 2020 – Oct 2020

Mako Learning Hub

Remote

- Served as a full-stack web developer on Makolearning Hub, a 1-1 e-tutoring platform built with Express.js, Nuxt.js, Firebase
- Developed and deployed a serverless Express API in GCP cloud functions and integrated with a Nuxt.js client app. Administered Firestore database and implemented secure authentication, authorization mechanisms with Firebase.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Golang

Frameworks: Django, Django REST Framework, Flask, Echo, Nuxt, Vue, Next, Scrapy, Dash

Databases: PostgreSQL

Tools/Libraries: Node.js, Pandas, NumPy, Selenium, Plotly, React.js

PROJECTS

RSS Feed aggregator | Golang, Echo, Vue.js

[Github](#)

- A Vue.js web app that fetches, aggregates, and renders RSS feeds from multiple sources.

Samay | Next.js

[Github](#)

- Designed, prototyped and set up a robust barebone with intuitive UI for RocketMeet's client app (Now called Samay).

ChunkedSet | Flask

[Github](#)

- Achieves a set of set of integers. A pool of flask apps called chunks holds a set of integer values. A master maintains uniqueness of values across chunks.

Your life in weeks | Nuxt3

[Github](#)

- Web app that visualizes the remaining weeks in a user's life, based on a 90-year lifespan inspired by a waitbutwhy article. I personally visit the app everyday as a source of motivation, reminds me how fleeting life is.