

Anaswara T Rajan

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EXPERIENCE

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

Aug 2021 - present

McKesson Compile

Bangalore

- Developed and maintained a centralized customer dashboard (Django, Nuxt.js) with:
 - * In-app notifications, FAQ, and release notes features.
 - * Custom Django admin with access control and content management abilities
 - * This streamlined sales communication and significantly reduced customer support inquiries.
- Supported the acquisition of Compile by McKesson. Contributed to post-acquisition activities, including:
 - * Migrating applications to the parent platform.
 - * Conducting comprehensive testing and addressing critical security vulnerabilities.
 - * Providing timely technical support.
 - * Successfully transitioned the team to agile, scrum workflows.
- Developed and maintained a customer-facing application using Django REST Framework and Nuxt.js, providing enhanced data visibility for our customers. This resulted in a significant reduction in support inquiries, accelerated contract provisioning processes, 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:
 - * Performance optimisations, security fixes and timely upgrades
 - * Reduced technical debt through systematic removal of legacy code and implementation of best practices.
- Managed and maintained authentication, user provisioning, and access control systems, including the implementation and configuration of multi-factor authentication (MFA), administrative access control tools, and secure email communication channels for customers.
- Setup Sentry, GitLab CI/CD and other automation scripts to streamline frontend development, improve error tracking and swift delivery of customer requirements.
- Developed and maintained an internal data visibility tool using Django and SQLAlchemy (Snowflake dialect) to track data provisioned across Snowflake and other platforms. This automated contract policing processes, saving the sales team significant time and improving efficiency.
- 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.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, Golang

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

Databases: PostgreSQL

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

EDUCATION

Government Engineering College Palakkad

Kerala, India

Bachelor of Technology in Computer Science and Engineering - CGPA 7.81

Aug 2017 - Aug 2021

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 a time scheduling app.

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.