Anaswara T Rajan

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EXPERIENCE

Senior Software 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.
  - Custom Django admin with access control and content management abilities.
  - Data Dictionary app that helped customers understand and navigate our data.
  - This enhanced customer experience and reduced customer support inquiries.
- Supported the acquisition of Compile by McKesson. Contributed to post-acquisition activities, including:
  - Migrating applications to the tech stack of parent company.
  - Conducting comprehensive testing and addressing critical security vulnerabilities.
- 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.
- Successfully integrated an in-house data QA library with Nuxt UI using DRF API, optimizing data fetching and enabling visibility on QA of datasets.
- Maintained authentication, user provisioning, and access control systems, including the implementation and configuration of multi-factor authentication (MFA).
- Developed and managed an internal data governance tool using Django and SQLAlchemy (Snowflake dialect) to track data provisioned in Snowflake. This enabled contract policing processes, saving the customer support team significant time and improving productivity.
- 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 package upgrades.
  - Reduced technical debt through systematic removal of legacy code and implementation of best practices.

Software Developer Intern   May 2020 – July 2020
Compile   *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 an ETL pipeline using Python, that fed lookup data from frequently updating source into a PostgreSQL database daily.
- Utilized Scrapy to extract SEO relevant keywords from healthcare websites, generated keyword reports for market analysis and SEO strategies.
- Integrated an automated page generation tool for the company blog with Django.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, 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

Your life in weeks | *Nuxt3*   Github
- Web app that visualizes the remaining weeks in a lifetime, based on a 90-year lifespan inspired by a waitbutwhy article.
- I visit the app once in a while as a source of motivation, reminds me how fleeting life is.

Samay | *Nextjs*   Github
- Designed, prototyped and set up a robust barebone with intuitive UI for a time scheduling app.

RSS Feed aggregator | *Golang, Echo, Vue.js*   Github
- A Vue.js web app that fetches, aggregates, and renders RSS feeds from multiple sources.