

Anaswara T Rajan

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SUMMARY

- Experienced Backend Engineer (4+ years) specializing in building and maintaining complex, scalable products using Python, Django and PostgreSQL
- Proven ability to independently deliver robust and well-tested solutions, from building full stack applications to maintaining large legacy code-bases. Established skills in delegating and mentoring. Focus on building simple solutions to complex problems

EXPERIENCE

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| Senior Software Engineer (4yrs+) - Backend, Data Platform <i>McKesson Compile</i> | Aug 2021 - Sep 2025 Bangalore |
| <ul style="list-style-type: none">Engineered and scaled multiple REST APIs using Django REST Framework, reduced latency through memory profiling, ORM query optimizations, strategic caching and monitoring.Augmented and maintained a 12+ year-old Python/Django codebase of the internal data platform, performed timely dependency management, fulfilled support requirements for libraries/tools housed by platform and purged/refactored irrelevant modules. Led decoupling efforts for separating libraries/services (Django apps) from parent code-base using Tach, significantly improving code health and manageability.Built and enhanced key customer-facing applications, including the Centralized Customer Dashboard and Data Dictionary app, using Django, Django REST Framework and Nuxt.js. Collaborated closely with Product teams to brainstorm, discuss complex features and smooth execution.Revamped the platform's authentication systems in Django. Implemented and deployed Multi-Factor Authentication (MFA) and custom OTP flows using a staggered release strategy, resulting in zero customer issue tickets and seamless adoption. Managed risk and ensured system integrity by conducting comprehensive security and unit/integration testing, resolving critical OWASP vulnerabilities (using Veracode) to ensure strict PHI/HIPAA compliance for healthcare data offerings.Created an internal data governance tool (Django/SQLAlchemy) to track data provisioned in Snowflake. This tool streamlined compliance checks and contract adherence, reducing the time spent by the Data Operations team on provisioning by over 75%.Worked closely with customer success enabling quick turnaround on resolving customer issue tickets and root cause analysis. | |

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|---|--------------------------------|
| Software Developer Intern <i>Compile</i> | May 2020 – July 2020 Remote |
| <ul style="list-style-type: none">Developed a full-stack NDC-HCP-CS lookup tool using Django REST Framework and Nuxt.js, providing users with quick search and export functionality for drug data. Built and optimized the underlying ETL pipeline using memory profiling. Setup monitoring and alerts to ensure the daily ingestion of clean, up-to-date data to Postgres DB . | |

TECHNICAL SKILLS

Languages: Python, Golang, JavaScript, TypeScript, Bash, SQL

Frameworks/Tools: Django, Django REST Framework, Gin, Flask, Echo, Nuxt, Vue, Pandas, NumPy

Databases: Postgres

PROJECTS

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|---|------------------------|
| Comlink Go, Gin, Kafka, Postgres | Github |
| <ul style="list-style-type: none">A Messaging API designed for 1-to-1 conversations. API handles message read/write operations, utilizing a Kafka queue and an asynchronous worker service to reliably persist data to a PostgreSQL database. | |
| Your life in weeks Nuxt3 | Github |
| <ul style="list-style-type: none">Web app that visualizes the remaining weeks in a lifetime, based on a 90-year lifespan inspired by a waitbutwhy article.Daily visit gives perspective on time lived versus time remaining. | |
| RSS Feed aggregator Go, Echo, Vue.js | Github |
| <ul style="list-style-type: none">A Vue.js web app that fetches, aggregates, and renders RSS feeds from multiple (given) sources. | |

EDUCATION

Government Engineering College Palakkad

Bachelor of Technology in Computer Science and Engineering

Kerala, India

Aug 2017 - Aug 2021