Leon Delaimy

Software Engineer

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Experience

Software Engineer @ Visformatics
Sep 2018 - Present

- Communicating and collaborating with multi-disciplinary teams of engineers, designers, data scientists and stakeholders on a daily basis

- Developing and shipping across the stack, working on databases, backend APIs, frontends and infrastructure deployments

- Involved in the full life cycle of product development, with responsibility in gathering initial requirements, documentation, data modelling, designing and testing in all projects, striving for code quality, robust architecture and extensibility

- Streamlining content creation and management by leading the build of an internal database driven CMS for creating different versions of a React application, used for demoing purposes for potential clients - with sharable links. This tool was used by the stakeholders to attract potential clients & then used in pilots for future products

- Contributing to the decoupling of monolith database and API architecture into golang services, with site gateway that collects data from various services and serves to the client

- Coordinating the migration of existing frontend applications to monorepo with plans to incrementally refactor existing codebase to bespoke library of reusable components, collaborating with UI/UX designers to align on design methodologies

- Deploying Kubernetes infrastructure and GCP resources required for various containerized applications & servers, utilising automated CI/CD pipelines for database change management and applications

- Writing custom Bash scripts, configurable Python scripts for transferring subsets of data between databases & cron jobs for various automated/ scheduled tasks

- Optimizing applications to be mobile responsive and demonstrating benefits for mobile-first approach for future projects, improving code quality with reusable components, error handling, standardized UI & site wide consistency

- Participating in code reviews, providing constructive feedback to maintain code quality and best practices

- Researching, planning & implementing the phased approach for incrementally migrating legacy tools to newer technologies and services

Skills

Frontend
JavaScript (ES6), TypeScript, React, HTML, CSS

Backend
Golang, GraphQL, PostgreSQL

Scripting
Python, Bash

Infrastructure
GCP, Kubernetes, Docker, Linux

CI/CD
TeamCity, GitHub actions, Terraform

Version Control
GitHub, git

Education

Northcoders
Feb 2018 - May 2018
Trainee full-stack developer

University of Manchester
Sep 2014 - June 2017
Biomedical Sciences, Bsc (Hons), Class: 2:1

Reed's School
Sep 2006 - July 2013
A-levels: Biology: A, Chemistry: A, Mathematics: A
GCSEs: 8 A* 1A

Interests

Music, science, technology, films, reading, podcasts