

# Software Developer – Job Description

## About Capitalflow

Specialist Business Lender Capitalflow, began operating in April 2016 and has grown to become one of **Ireland's leading Specialist Business Lenders**. Capitalflow provides SMEs immediate access to a range of financial products – leasing, hire purchase, re-financing, invoice discounting and property finance. The company operates nationwide with offices in Santry and Baggot Street in Dublin. Capitalflow has ambitious growth plans in the coming years, with a key focus on growing value for our customers through the delivery of an expanding range of products and services, supported by best in industry digital technologies.

## About the role

As the company grows, it sees more opportunity to innovate in offering new products, acquiring new customers, and creating partnerships with other financial providers. You will be part of a small but growing digital team and supported by outsourced developers when needed.

You will report to the CTO and be part of the expanding digital team at Capitalflow.

This role will be based in Santry, Dublin.

You will contribute to Capitalflow code base in all its parts.

The front end uses ReactJS and the other obvious front-end technologies, to provide a superb customer experience in all types of applications. These include a customer onboarding and self-service portal, introducer self-service portal and ability to generate new deals and others.

The backend is written in Python/Django. It supports our front-end functionality, glues our various systems together to ensure data integrity and process flow and provide access to external data sources that we will need for our credit decisions.

Our infrastructure is also code based. We use Terraform to build and update our infrastructure. Our application runs on AWS and uses Fargate for managing the Docker containers that run our applications. We are using Rabbit MQ for local deployments but AWS SQS for the application running on AWS. We use Memcache for asynchronous tasks in the application.

We are using AWS CodePipeline to test and deploy code changes.

You don't need to be an expert in all these areas, but you must be open to learning new technologies, getting out of your comfort zone and support the development where we need and not necessarily where you feel safer.

You will code review the code that your peers will write and provide helpful feedback to fix mistakes and help them learn and grow.

You will maintain high quality standards and think of ways to improve and maintain code quality.

To give you a better idea on what to expect in this role, here are some examples of tasks you might be asked to do:

- Create a new application flow for a new product the company is launching.
- Integrate with new external data sources into our system to be used for credit decisions.
- Create data pipelines from our own databases and other systems into our data lake and data warehouse solutions.
- Integrate with open banking provider to provide us with access to our customers' bank accounts, to increase the efficiency of the underwriting process.
- Add new features to the self-service portal to allow our customers and partners be more self-reliant and reduce the load of our customer support team.

If you wish to be part of this expanding digital team, Please send your CV either to the HR Manager [mkirwan@capitalflow.ie](mailto:mkirwan@capitalflow.ie) or the CTO [rshteinberg@capitalflow.ie](mailto:rshteinberg@capitalflow.ie)