Mark O Reilly

Software Developer   Dublin

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Specialist in full stack web development with Python and React. Certified AWS Cloud Developer. Experience creating and managing Docker environments. Responsible for the full software development lifecycle in my current role.

Work Experience

Software Developer

Ekco - Dublin

July 2019 to Present

Technologies: Flask, REST API, Celery, React, Docker, Linux, Nginx/Apache2, Unittests, Postgresql, CSS/SASS, git

- Responsible for development, testing and deployment of new features.
- Built a Microsoft Office 365 backup solution using the Veeam API - now the company's best selling product.
- Developed an integration with the Autotask platform to facilitate automated service desk ticketing.
- Designed a report generating framework to allow customers build and schedule backup & storage reports.
- Created a user management system for super admin use.
- Implemented gitflow into the team's workflow.
- Added a testing workflow based on the unittest python package.
- Created a docker workflow to allow each developer to run tests in the exact same environment, replicating production deployments.

Web Developer

Freelance - Dublin

January 2018 to Present

Technologies: Django, REST API, Google Cloud Platform, Javascript, React, MySQL, Mongodb, git

- Delivered production grade web applications using Python backend and React frontend.
- I created an order management platform for www.expert.ie that integrated with their ecommerce API. This reduced hours per day spent managing order fulfillment by 80%.
- Developed process improvement apps for businesses including market price analysis, automated promotion handling and sales data analysis using python.

Category Manager Ireland

Whirlpool Corporation - Dublin

February 2017 to July 2019

Created and executed the category and trade marketing strategy for the Whirlpool, Hotpoint, Indesit and Kitchenaid brands.

Division Manager

KAL PRO - Dublin

July 2016 to February 2017

Led a business development strategy to grow the KAL PRO Digital Signage business 7X in one year.

Business Development Manager

KAL PRO - Dublin

May 2015 to July 2016

Build from scratch a business development strategy to attract and retain new clients, securing the largest deal in the division's history providing a digital signage network of 80 screens to the Web Summit in October 2015.

Marketing Assistant

KAL Group - Dublin

July 2014 to May 2015

Created marketing content for over 20 brands using the adobe creative suite. Executed the social media marketing strategy for the NordMende and Bauknecht brands.

Education

Nanodegree in Full stack web development
Udacity - Dublin
September 2018 to January 2019
https://www.udacity.com/course/full-stack-web-developer-nanodegree--nd0044

Business Studies
Dublin City University
2010 to 2014

Leaving Certificate
St Patrick's College Cavan
2004 to 2010

Certifications and Licenses

Amazon Web Services Cloud Practitioner
January 2020 to January 2023
https://www.certmetrics.com/amazon/public/badge.aspx?i=9&t=c&d=2020-01-25&ci=AWS01258617

Amazon Web Services Cloud Developer Associate
April 2020 to April 2023
https://www.certmetrics.com/amazon/public/badge.aspx?i=2&t=c&d=2020-04-04&ci=AWS01258617

Skills

Programming languages

Python	-	Flask, Django, Scrapy
Javascript	-	Nodejs (Express, Nextjs), Reactjs, Angular

Technologies

AWS	-	S3 (minio), Lambda, Route53, EC2, EBS
Docker	-	environment for unit testing, production environment
Google Cloud	-	App engine, Billing, Google Cloud SQL
Linux	-	Nginx/Apache2 web server configuration, Celery, User management, Docker
Database	-	Postgresql, MySQL, Mongodb
API's	-	HTTP/HTTPS, REST

Soft Skills
Strong communicator, self learner, team player, resilient, problem solver.