Marcelo Fernandes

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I've spent many years working in the software industry, helping businesses to grow secure, optimized and high-quality applications. Now I am searching for new opportunities to create meaningful and tangible outcomes through my computing work. Below is a summary of my experience, for further details, click here.

Experience

Clarivate • 2019 Apr - Present
Senior Software Engineer

Full-stack web development on a Django monolith application whilst mentoring more junior developers and developing robust deployment pipelines.

Technologies: Python, Django, Docker, Celery, Redis, RabbitMQ, Django Rest Framework (DRF), Elasticsearch, AWS, Jenkins, Javascript, Postgres, VueJS, Angular, Web-pack, Jupyter Notebooks, Selenium, Github/BitBucket, and more.

ConsumerAffairs • 2017 Sep - 2019 Apr
Senior Software Engineer / Software Architect

Back-end focussed development on a Django monolith and several Django microservices. Architectured many services for the business, mentored junior developers, and worked on devops.

Technologies: Python, Django, Docker, Celery, Redis, RabbitMQ, AWS, Circle CI, Javascript ES6, MySQL, Postgres, DRF.

Agriness • 2017 Apr - 2017 Nov
Software Engineer

Migrating a 16yo Objective-C/Java app to a Django Restful API. FE development with AngularJs. Also transcribing many SQL procedures from Oracle to Django ORM and Postgres.

Technologies: Python, Django, DRF, Redis, stored procedures (PostgreSQL), AngularJs, Docker, Jenkins.

Evergenius Digital Marketing • 2016 Mar - 2017 Mar
Software Developer Contractor

Running web-crawlers to identify potential clients, automating SEO analysis of web-pages, creating and deploying Django apps.

Technologies: Python, Django, Javascript, Postgres, Bootstrap, Jquery, CSS, Digital Ocean droplets, Web-Crawlers (requests + scrapy), Selenium.

Fernandes Engineering Firm • 2010 Jul - 2015 Aug
Software Developer

Creating automation pipelines for engineering procedures (Python), parsing industrial device data into human-readable formats, maintaining an ecosystem of unix servers running several cron jobs.

Technologies: Python, PyQT, MySQL, Embedded devices, unix.

Education

Masters in Computer Science (Big Data Analytics) - Wrexham Glyndwr University - in progress
Bachelors in Electrical and Computing Engineering (exchange) - California State University
Bachelors in Electrical Engineering - Federal University Of Santa Catarina