

Karel Antonio Verdecia Ortiz

Software Developer at SecureAuth

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Education

Universidad de Oriente

1999 - 2004

Degree in Computer Science

Degree in Computer Science, 1999 - 2004

Experience

SecureAuth

FEBRUARY 2019 - PRESENT

Software Developer

Implementing parts of new admin interface with React. Proof of concept for drag and drop user interface editor for inhouse ReactJS component library. Microservice with Go, MongoDB and Redis implementing support for Webauthn.

Used Technologies:

- Programming languages: JavaScript, Go, Python
- Databases: MongoDB, Redis, PostgreSQL.
- Web programming: ReactJS, Django.

RunOne SA

DECEMBER 2017 - DECEMBER
2018

Software Developer

Integration of facebook leads with jotform. Development of a tool for managing cars saving plans and integration with Run0Km CRM. Scraping of car sales sites. Integration with personal financial information services NOSIS and SIISA. Integration with Mercadolibre API for saving plans publications. Development of <https://motoautos.com> and <https://run0km.com>. Development of a coupons web application.

Used Technologies:

- Programming languages: Python, JavaScript.
- Databases: PostgreSQL.
- Web programming: Django, ReactJS, CSS, Bootstrap, GraphQL (with graphene), Celery, Oauth2.
- AWS: EC2, Postgres RDS, S3
- Web scraping: selenium, scrapy, mechanicalsoup

WeWoman.io

OCTUBRE 2018 - NOVEMBER
2018

Software Developer

Admin interface and GraphQL API of WeWoman. Integration with WeWoman contract in Ethereum testnet.

Used Technologies:

- Programming languages: Python, Solidity.

- Databases: PostgreSQL.
- Web programming: Django, GraphQL (with graphene), Celery.
- AWS: EC2, S3
- Ethereum integration: web3.py, truffle, ganache

HuCap

JUNE 2018

Software Developer

Educations and experience block extraction automatization from curriculums.

Used Technologies:

- Programming languages: Python
- Web programming: Flask.
- AWS: S3
- Natural language processing: Keras, word embeddings, LSTM.

Open Technologies SA

FEBRUARY 2015 - NOVEMBER
2017

Software Developer

Senior Software Developer for ERP/CRM OpenOrange Framework. I worked on workflows and solutions to improve business quality and efficiency.

Used Technologies:

- Programming languages: Python, JavaScript, Go.
- Databases: MySQL, ElasticSearch.
- Web programming: Django, Flask, ReactJS, Chart.js, CSS, Bootstrap, MaterializeCSS, GraphQL, NodeJS, Progressive web applications.
- Automatization of tasks: Fabric

Universidad de las Ciencias Informáticas

SEPTEMBER 2004 -
DECEMBER 2014 (10 YEARS 4
MONTHS)

Software Developer

Used technologies:

- Programming languages: Python, C/C++, PHP.
- Data bases: MySQL, PostgreSQL, MongoDB, Redis.
- Web programming: Django, Web2py, Plone, JavaScript, JQuery, CSS, Bootstrap.
- Desktop applications: Delphi, C++ Builder, PyGtk y PyQt.
- Distributed processing: RabbitMQ, Celery.
- Automatization of administration tasks: Fabric
- Social network analysis: NetworkX, GraphTool, GraphChi.
- Text mining: NLTK, Gensim, FreeLing, LibLinear, ScikitLearn.

He has participated in several developed productive projects in Linux with open source technologies:

- Developer of the first installer of Nova GNU/Linux.
- Project leader and developer en the project Informatization of Cuban Press.
- Developer of the intranet of PDVSA.
- Developer of the text categorization module in the project Engine of Intelligent Categorization of Content (MOCIC).
- Project leader and developer in the project Engine of Intelligent Categorization of

Email (MOCICE).

- Project leader and developer in the project Engine of Intelligent Categorization of Text Documents (MOCIC-Text).
- Developer in the project Authomatic Collection and Categorization of News.

Languages

English (Medium working proficiency), **Spanish** (Native)

Skills

Text mining, NLTK, Social network analysis, Web development, CSS, JavaScript, jQuery, React.js, GraphQL, Django, PostgreSQL, MySQL, MongoDB, Ubuntu, Apache 2, Nginx, Plone, RabbitMQ, Gearman, Subversion, Git, Redis, Web2py, PyGTK, PyQt, Networkx, SNAP, gensim, C#, Software development, Python, Go.
