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2023 – Today · Blockchain Engineer @ Makersplace · San Francisco, US
MakersPlace is an authentic and unique digital creation platform powered by blockchain technology for digital creators.

Drops · Royalty Rehistry · Alchemy API · Ethereum Transactions · Etherscan · IPFS · Solidity · MetaMask · Python · Django · Celery · Unit Tests · Airflow · AWS SageMaker · MLOps · gRPC · Docker · AWS ECS · AWS CDK · AWS Organizations · AWS Elastic Beanstalk · AWS ECR · AWS RDS · AWS Opensearch · AWS Elasticache · AWS S3 · AWS Cloud Front · AWS Database Migration Service · GCP Big Query · GCP Data Fusion · GCP Data Streams

2020 – 2022 · Data Engineer @ Rings AI · San Francisco, US
An intelligent 'XRM' powering the world's best relationship-driven firms to identify, access and win the most valuable opportunities.

Heterogeneous Information Network · RankClus · Authority Score · Shortest Path · AWS Glue · Data Management · Data Lake · Data Pipeline · Data Modeling · AWS Lambda · AWS SQS · ETL · AWS Lambda · AWS SQS · AWS SNS · AWS DynamoDB · AWS Elasticsearch · Kibana · AWS S3 · AWS Glue · PySpark · AWS Lambda · AWS Redshift · Business Intelligence · AWS Athena · AWS VPC · AWS Subnets · AWS Routing Tables · AWS IGW · AWS NAT Gateway · AWS Cognito · AWS Lambda · Google Oauth · Audit Log · AWS AppSync · GraphQL · Node · Javascript · React · Typescript · Unit Tests · Functional Tests · Stress Tests · Regression Tests · Continuous Delivery · Continuous Integration · TDD · Jira · AWS CLoudWatch Logs · AWS CLoudWatch Metrics · AWS CLoudWatch Insights · AWS CLoudWatch Alerts · AWS X-Ray · Agile · Scrum · Sprint Planning · Meetings Optimization · Jira · Confluence · Deterministic Matching · Probabilistic Matching · Distributed Lookup Table · AWS Glue Find Matches · Lookup Tables · AWS S3 · AWS Cloud Front · AWS Lambda@Edge · AWS Tags · AWS Organizations

2019 – 2020 · NLP Engineer @ Upjaunt · New York, US
Spaces to share travel and local stories and make connections.

Python · sls · AWS Lambda · AWS Cloud Watch · AWS SQS · AWS SNS · AWS API Gateway · AWS SES · AWS Batch · Dashbird · Docker · AuroraDB · AWS RDS · AWS Cloud Front · Unit Tests · CD/CI · Slack API · Web Crawling · SpaCy · Keras · OpenCV · Airtable · NetworkX · nltk · JellyFish · Gensim · NER · Regular Expressions · AWS Comprehend · AWS Rekognition · Node · Javascript · ReactJS · react-redux · react-saga · axios · AWS Amplify · StripeJS · Stripe Connect · Firebase Push Notifications · Firebase Authentication · CPython · C · C++ · ctypes · Python.h · Cython · setup.py · cProfile · FFMPEG · asyncio · aiohttp · aiofiles · Search Indexing · Content Ranking · Algolia · Collaborative Filtering · NumPy · Matplotlib · NRMSE · Entropy · Novelty · Diversity · Serendipity

2016 – 2019 · Growth Engineer @ Ampush · San Francisco, US
Growth marketing and digital strategy services

Python · Flask · REST API · Python-Flask-Restful · Flask-Restless · OpenPyXL · boto3 · multi-threading · Python3 Eggs · Exception Handling · Error Codes · i18n & l18n · Sprints · Scrum · Kanban · Documentation · JIRA · Confluence · Pull Requests · Code Reviews · AWS EC2 · AWS Elastic Beanstalk · AWS Route 53 · AWS DynamoDB · AWS RDS · AWS S3 · AWS Lambda · AWS SES · AWS SimpleDB · AWS ECS · AWS SQS · AWS SNS · Docker · HashCorp Consul · Eventual Consistency · Fault Tolerance · Idempotence Principle · Single Responsability Principle · Independence Principle · Apacha Cassandra · Elasticsearch · AWS DynamoDB · PostgreSQL · AWS RDS · DBT · NoSQL · Unit Tests · Integration Tests · Stress Tests · Longevity Tests · CircleCI · Rollbar · Sentry · Splunk · AWS CloudWatch · Fault Tolerance Analysis · SQL · Google Adwords API · Google Analytics API · Facebook Marketing API · Facebook Messenger API · AppsFlyer API · Outbrain API · Yahoo Gemini API · Tableau · Knowi · Mailchimp API · Spend · Impressions · Clicks · Conversion Rate · RPA · CPA · LTV · Retention · A/B Testing · Shopify API · ReCharge Payments API · Stripe API · Online Payments Processing · Credit Card Tokenization · Compliance · Charges Management · Subscription Management · Refund Policy

2010 – 2016 · Certified IT Specialist @ IBM · Buenos Aires, Argentina

Business processing and IT services capabilities to clients worldwide

Red Hat Enterprise Linux 6, 7 & 8 · IBM AIX 5.3 & 6.1. · SuSE Linux Enterprise Server 11 · Oracle Solaris 10 · systemd · File System Permissions · Bash · Korn Shell · Oracle Virtual Box · KVM Virtualization · Troubleshooting · Incident Management · Change Management · Patch Automation · Service Now · Manage Now · BMC Remedy · Backup & Restore · Disaster Recovery · WebSphere Application Server (WAS) · DHCP Server · DNS Server · SSO Server · LDAP Server · FTP · SSL Certificates · netstat · traceroute · nmap · ssh · telnet · ping · EMC Storage Area Network (SAN) · EMC Network Area Storage (NAS) · IBM GLobal Parallel File System (GPFS) 2 · Veritas Volume Manager (VxVM) · Linux Volume Manager (LVM) 2 · AIX Volume Manager · Python · Java · Spring Boot · Perl · PHP · Django · HTML · CSS · jQuery · Bootstrap · Web Scraping · ETL Jobs · Dependency Injection · Singleton · Connection Pool · Apache HTTP Server (IHS) · Oracle Database 11g · IBM DB2 · MySQL · MongoDB

Academic Education

Computer Engineering (2024) @ Valencia International University

Business Administration (2019) @ UNLaM

Certificate in Advanced English (2012) @ Cambridge University

First Certificate in English (2008) @ Cambridge University

Languages

English: C1

Spanish: Native

Portuguese: B1

Certifications

AWS Solutions Architect Professional 2024 · AWS

Data Science: Deep Learning and Neural Networks in Python 2024 · Udemy

Natural Language Processing with Deep Learning in Python 2024 · Udemy

The Complete Node.js Developer Course 2024 · Udemy

CyberSecurity 2024 · Udemy

Networking Fundamentals 2023 · Udemy

Data Structures & Algorithms 2022 · Udemy

Docker & Kubernetes 2022 · Udemy

Deep Learning Specialization 2021 · DeepLearning.AI

Database Architecture, Scale and NoSQL with Elasticsearch 2021 · University of Michigan · Coursera

Graph Theory 2021 · Udemy

Configuring and Deploying VPCs with Multiple Subnets 2021 · AWS

Introduction to Quantum Computing Course 2021 · IBM Quantum · Qubit by Qubit

AWS Fundamentals Specialization 2021 · Amazon Web Services · Coursera

Big Data: Hadoop and Spark 2021 · Udemy

Master in Applied Statistics 2021 · Euroinnova Business School

Full Stack development with Django 2021 · Udemy

SQL: Data Reporting & Analysis 2021 · LinkedIn

AI for Medical Diagnosis 2020 · Coursera

Deep Learning with Keras 2020 · CGFIUBA

Neural Networks & Deep Learning 2020 · Coursera

Modern Deep Learning in Python 2020 · Deep Learning AI

Recommender System and Deep Learning in Python 2020 · Udemy

AWS Lambda & Serverless Architecture 2020 · Udemy

ReactJS & Redux 2019 · Udemy

Web Scraping with Python 2019 · Udemy

Machine Learning with Python 2019 · Udemy

Natural Language Processing with Python 2019 · Udemy
IBM IT Specialist in Services and Infrastructure 2015 · IBM
IBM AIX 5 Basics (Q1313) & Administration (Q1314) 2010 · IBM

GitHub Projects

Quantum Algorithms in Java.

Logic Circuits using Logisim.

Predicting the signal of a Higgs boson using Machine Learning techniques.

LLM Agent using LangChain and Streamlit

Context injection and GPT models.

Vectorizing HTML pages.

Search Engine using Word Embeddings, GloVe, and Elasticsearch.

Deep Learning Age Detector using Keras

Implementation of a Neural Network to classify text using Keras.

Neural Network using Keras, Google Search API and AsyncIO.

Image Detection using TensorFlow in Python.

Recommender systems using numpy.

Deep Link prediction using Keras.

Combinatorics usig numpy, matplotlib and scipy.

Finding matches between dataset.

Supply chain optimization in python.

Monte Carlo simulator in Python.

Statistical distributions in Python.

Genetic Algorithms & Paper.

Running PySpark jobs using Docker

Running Hive jobs using Docker

Running Map Reduce jobs using Docker

Running Kafka using Docker

Running Hbase using Docker

Running Django in AWS using Ansible

gRPC server & client using Python

Running Django in AWS using Terraform

Django app running on AWS EKS

AWS networking, rds, elasticache, elasticsearch, Elastic Beanstalk

Running Python scripts using Supervisord in Linux

Python integration using Splunk logs

File system management tools integrated with AWS S3

Smart Contract running on the Etherum network using Solidity

Cross-Chain distributed architecture for Django

Solana token, NFT and program in Rust

Movie generator using MoviePy, OpenCV2 and Numpy

Video processing pipeline using FFMPEG CLI

Running Django with PostGIS and geolocation libraries

Geo Data Analytics using Pandas.

Hexagonal Architecture on Java Spring Boot, and frontend using React & Tailwind CSS

PDF rendering with Typescript

Custom programming language compiler for Data Scientists

Implementing automatas using Python

Java Spring Boot

Data Structures in Java

Data analytics, PnL, LTV & retention analysis in Django

GoLang application

CMS in Django 3 Templates and Forms

Chat server using Flask, MongoDB, Redis and Celery

File server with Flask and PIL

Chat server with sockets in Python

Web Crawler in Python

Python integration with Google Spreadsheets

Software Patterns with Python

Web crawlers using Python & Beautiful Soup

Development Tools, for Python, Android, Typescript, Django, Git, and GPT.

Python integration with JIRA

Distributed frontend architecture for medium & large companies.

Next.js application

VueJS application

Svelte application

React application using Typescript

React application implementing Oauth 2.0 with Firebase

Implementing Flexbox

Map Reduce using Typescript

MVC application using Typescript and MongoDB

Typescript OOP

Testing automation using Cypress

Backend REST API using Flask, with 100% unit test coverage.

Testing automation using Selenium Web Driver

Remote android device emulator manager web API

Calendar Android native app