OSCAR PEREZ

SUMMARY

Oscar is a system engineer with more than 6 years of experience in the IT field. Proficient in Python, and Django, he has extensive experience with many technologies such as Node.js, MySQL, and PostgreSQL, just to name a few. He has worked for leading software solution companies, in areas such as fintech, assurance, educational platforms, e-commerce, and real estate among others.
He is passionate about computer science, and cutting-edge technologies, and eager to keep improving his development and management skills working with an international team where he can learn from his teammates and also share his knowledge achieved through all these years.

SKILLS

- Python
- Django; Flask
- Javascript
- Node.js; TypeScript
- React.js; Backbone.js
- AWS; S3; EC2; Lambda; MediaConvert; ECR; ELB; RDS
- Docker; PostgreSQL; MySQL
- MongoDB; Reddis; RabbitMQ; Celery
- Git; GitHub
- Ansible; NGINX
- AirFlow; WebSockets
- CI/CD

EXPERIENCE

Avant, Kenility

March 2022 - Ongoing

Kenility is a digital-native company focused on helping companies embrace digital transformation, automate business processes, and create a competitive advantage through the use of technology. They are driven by the purpose and the commitment to deliver high-quality, high-value, tech-savvy IT solutions: IT Consulting, IT Staffing Services, and Custom Software Development.
Avant is dedicated to building premier digital banking solutions for the middle class through a combination of technology, analytics, and superior customer service. Since 2012, Avant has connected more than 2 million customers to over $7.5 billion in loans and 1 million credit cards. A high-growth financial technology company, Avant has been featured in The Wall Street Journal, The New York Times, TechCrunch, Fortune, and Bloomberg, and has raised over $600 million of equity capital.
Within this company, Oscar is primarily focused on developing event-driven microservices for the Account Opening process. His responsibilities extend to client verification to mitigate risks, involving integrations with multiple vendors. Oscar is actively involved in pair programming and code reviews to ensure the quality of the codebase. Additionally, he contributes to the development process by creating RFCs and spikes and defining tasks for upcoming sprints. Oscar plays a crucial role in configuring new applications using Terraform, including databases, clusters, services, and Kafka. His coding expertise involves Python, specifically with FastAPI and Pytest. Oscar is also responsible for maintaining the core project of the company and spearheading the migration of the Account Opening process from the company's monolith to microservices. Furthermore, he orchestrates microservices using the Camunda Process Manager and is actively involved in defining the project's architecture based on Clean Architecture and CQRS principles.

Role: Backend Developer

Technologies: Python, FastAPI, Postgres, Docker, Github, AgroCD, Rails, S3, Kafka, Camunda, Pytest, REST.

Steady Technologies INC

December 2021 - February 2022

Steady and its affiliates provide landlords and property managers with access to new and innovative financial products via a bespoke online platform. It consists of an operator of rental insurance platforms intended to protect landlords against defaults by tenants. They provide rental insurance along with other financial products at an affordable cost, enabling landlords to get cover for the losses incurred by them due to unpaid tenants' dues.
Within this company, some of Oscar's responsibilities consisted of maintaining the current applications in production, migrating the Database Schema, and last but not least, he was in charge of designing and developing new services with TD.

Role: Software Engineer

Technologies: Python, Django, AWS Lambda, Docker, PostgreSQL.

OmniLatam

September 2020 - November 2021

OmniLatam is one of the leading FinTechs in financing solutions for suppliers and payers with online factoring, confirming, and working capital programs in Latin America. Thanks to its world-class financial technology, it offers its clients real-time and tailored alternatives, providing access to financing for companies of all sizes, as they support the visionary ideas of their clients. They deliver working capital when needed so that the customer can sustain their businesses, supporting large companies to enhance their value chain and improve their relationship with their suppliers. To achieve their goal they monetize in advance the invoices that companies have to collect at 30, 60, or more days, granting disbursements in record time through their financial platform. In addition, they view operations and perform online factoring and confirming, which allows monitoring the cash flow of the company to achieve more accurate financial decisions.
Some of his responsibilities within this company consisted of software profiling, and optimizing queries in several endpoints. On the other hand, Oscar mentored every new squad member to create well-crafted Django code. He also worked on the maintenance of the applications in production, talked with stakeholders to understand requirements, and did web scraping.

Role: Backend Developer
Technologies: Python, Django, PostgreSQL, Airflow, Celery, Docker.

Citixen

July 2019 - September 2020

Citixen appears as a more concrete solution, digitizing all companies, optimizing their internal processes through a control panel and an app for their couriers, and also expanding their sales channels by creating a website and apps (Android and iOS) under the domain and customization of your brand. Some of the services they offer consist of an administrative platform, an app for messengers as an application for users, and finally a web page.
Some of Oscar's responsibilities at this company consisted of working on the design and development of backend projects with Python and Node.js. He built the project with Node.js to handle communication between projects through RabbitMQ. He gave open-source contributions to support features that third-party packages didn't provide. Last but not least, he worked on real-time chat and notifications to several clients (backends, webs, and mobiles) via WebSockets.

Role: Software Engineer
Technologies: Python, Django, Flask, Node.js, TypeScript, PostgreSQL, MongoDB, Redis, RabbitMQ, Celery, WebSockets, Docker.

FZ Academy

September 2018 - September 2020

FZ Academy is an online music school. Their course shows a bit of both worlds, they teach from the basics to the advanced, but thoroughly understand music theory and the use of musical instruments, avoiding learning with YouTube tutorials or other channels with incomplete information and without methodology. To participate in his course, no previous knowledge of music or guitar is required, it can be done from scratch, although, if the user already knows, he can register and look at the theme of each level in detail, and thus be able to buy the appropriate course, to go at his own pace, and study the theoretical concepts of scales and chords.
At this company, Oscar's responsibilities consisted of proposing the creation of new features that provide high value and ROI to Chief Executives. He built a music academic backend from scratch and developed microservices with Node.js and AWS Lambda. Did IT automation with Ansible, Infrastructure as Code, and CI & CD (Delivery and Deployment).

Role: Software Engineer & DevOps
Technologies: Python, Django, Node.js, AWS, S3, EC2, Lambda, MediaConvert, ECR, ELB, RDS,, Docker, Ansible, Github actions, Celery, NGINX.

Kaumer

November 2018 - June 2019

Kaumer is an administrative software specialized in order management and inventory movement control. It's a point-of-sale software that helps merchants in the administration and organization of their businesses. This tool facilitates invoicing, accounts payable, accounts receivable, inventory, customer, and supplier management. Those who do not use any storage software will receive training in the systematization of the product, it has ease of use since it can be accessed as an email. For this company, each business is different and so is the solution. More than selling a product, it sells an excellent service that will guarantee the correct administration of the business to the merchants.
Within this company, Oscar was in charge of the design and development of the accounting core module. He also worked on the maintenance of the applications in production using Python, Django, React.js, and Backbone.js to achieve this.

Role: Full Stack Developer

Technologies: Python, Django, React.js, Backbone.js, PostgreSQL, Docker.

Grupo SomosUno

March 2018 - December 2018

Grupos SomosUno was established as a non-profit entity and is dedicated to social assistance activities without accommodation. They are a humanitarian corporation whose objective is to serve communities in vulnerable situations, with a humane and comprehensive approach, enhancing their resilience capacities.
Oscar's main responsibilities within this company consisted of refactoring the codebase to increase project maintainability and developing REST APIs and reports.

Role: Node.js Developer

Technologies: Node.js, MongoDB, Docker, AWS.

Codewind

April 2016 - March 2018

Codewind simplifies and enhances development in containers by extending industry-standard IDEs with features to write, debug, and deploy cloud-native applications.
Some of Oscar's achievements within this company were reducing 95% of the required time needed in business processes and developing an audit system to track users' actions to prevent fraud and embezzlement.

Role: Software Developer

Technologies: Python, Django, Node.js, PostgreSQL, MySQL.

EDUCATION

- **Software Engineering Specialist,** Cesar's Popular University, Colombia. 2021 - 2022
- **Software Engineering Professional,** Cesar's Popular University, Colombia. 2013 - 2017

LANGUAGES

- **Spanish:** Native
- **English:** Proficient (B2)