Eugenio Grytsenko

Other names/Transliterations: Евгений Гриценко

Senior Software Engineer/
DS/ML Engineer

Summary:

- 20+ years of professional experience in the Information Technology industry;
- 15+ years of professional experience in banking;
- Understanding of algorithms, machine learning, data mining, deep learning, data engineering;
- Solid experience in AWS, GCP clouds and related technologies;
- Strong skills in web technologies and software architecture design;
- Rich experience in back-end and web front-end development;
- Expertise and development highlights:
    - Python and Node.js applications development including enterprise systems;
    - Linux and Unix based operating systems expert (scripting, Docker, other containers);
    - DS/ML (NumPy, Pandas, PyTorch, spaCy, scikit-learn, Vertex and Gen AI platforms);
    - Web development (JavaScript, React.js, TypeScript, HTML, CSS);
    - DB development (AWS RDS, MariaDB/MySQL Server, MongoDB, AWS DynamoDB);
    - Rich experience with Agile (Scrum).

Education:

Systems Analyst, Computer Science, University of Buenos Aires, AR

Work Experience:

DataArt Solutions, Inc. (www.dataart.com)
Senior Software Developer, Python Developer   2024 – Present
LATAM Group (CL) latam.com
Senior Machine Learning Engineer, Python Developer   2023 – 2024
Yofi, Inc (US) yofi.ai
Senior Data Engineer, AWS Developer   2021 – 2023
BBVA Group - Banking (AR) bbva.com.ar
Senior Software Engineer, Developer   2005 – 2021
Hindix (EU/BE) geometrenamur.be
Data Engineer, Backend Developer   2004 – 2005
Virtucom Networks (AR) towebs.com
Software Developer, Web Developer   2001 – 2004

Recently Completed Projects:

GenAI Advanced Document Processing with AI

Client: LATAM Group
Description: The project is in its initial stages and primarily aims to extract data from PDF documents, images, and other types of documents containing photos by employing OCR techniques and applying multimodal models. The goal is to achieve a standardized output, such as a table of flight itineraries, taking into account stopovers and layovers before reaching the final

destination. This involves extracting disorganized data from documents that may only contain photos or scans, converting them into a predefined uniform output based on the document type using AI models.

Languages:	Python
Environments:	NumPy, Pandas, Vertex AI, Gemini AI, GCP
Position:	ML Engineer
Activities:	

- Definition of the prompts for generative AI models;
- Testing all kind of documents and adjusting the model;
- Identification of new cases for data extraction;
- Programming and testing LLM models and chatbots;
- Porting the solution to Google Cloud Platform.

Recruitment Platform (ATS v2.0)

Client:	LATAM Group
Description:	The project initially existed in LATAM as a system of Google Sheets and internal business processes managed by various roles within the company, including managers, administrators, HR agents, and others. These roles handled the applications of individuals entering LATAM. The focus of the project version 2.0 was to develop an infrastructure and backend on GCP, as well as to create a basic frontend to streamline human resources management.
Languages:	Python
Environments:	React.js, Web, API, Firebase, BigQuery, Google Cloud Platform, Cloud Functions
Position:	Full Stack Developer
Activities:	

- Definition of the architecture for the entire recruitment platform;
- Creation of the first version of ATS frontend in React.js;
- Programming frontend and backend components in Python;
- Deploying the solution to Google Cloud Platform.

Bot detection platform for metchants

Client:	Yofi, Inc
Description:	The project was designed to safeguard profits, ensure data integrity, and empower decision-making by focusing on genuine customers. This sophisticated platform identifies and eliminates bad actors, preventing fraudulent activities and bot-driven attacks. By leveraging advanced machine learning algorithms and real-time analytics, it effectively detects and mitigates malicious bots that can distort traffic, skew data, and negatively impact business operations.
Languages:	Python
Environments:	NumPy, Pandas, Amazon Web Services, AWS Lambda, SageMaker
Position:	ML Engineer / Backend Developer
Activities:	

- Definition of the architecture on backend side;
- Definition of the infrastructure and "writing the recipes" of CloudFormation;
- Creation of the AWS Lambda and API Gateways for Shopify;
- Programming Lambda components in Python;
- Making scripts in SST/Node.js for CI/CD and Seed.run platfrom;
- Deploying the solution to Amazon Web Services.

Skills:

Programming and Markup Languages:
Python, SQL, JavaScript, TypeScript, HTML, XML, CSS, Erlang, Node.js

Technologies and Frameworks:
Amazon Web Services (AWS), AWS Lambda, Google Cloud Platform (GCP), GCP Cloud Function, Web Services, XSL/XSLT, NuGet, SciPy, NumPy, spaCy, scikit-learn, PyTorch, OpenCV, React.js, TypeScript, jQuery, AJAX

Databases:
MariaDB/MySQL, SQL, AWS RDS, MongoDB, AWS DynamoDB, Redis, Elasticsearch, Mnesia

Cloud Platforms:
AWS, GCP

Testing Environments:
Unitest, PyTest

Development Environments:
PyCharm, MS Visual Studio Code

Bug Tracking Systems:
Jira, GitLab, Seed.run

Version Control Systems:
Git, Github

Continuous Integration:
GitLab, Jenkins, Seed.run