

LUIS JORGE, SOFTWARE ENGINEER

9175642595 • Luis.Jorgexl@gmail.com • Bronx, New York • [LinkedIn](#) • [GitHub](#) • [Personal-Site \(WIP\)](#)

SUMMARY:

Innovative software engineer with over 8 years of hands-on experience in Python development, specializing in Django and Flask APIs. Expertise in the full software development lifecycle, object-oriented programming, and scalable database solutions for backend systems. Adept in message-oriented middleware (AMPS, RabbitMQ, ZeroMQ) and data manipulation using Pandas and NumPy. Certified AWS Developer with a strong command of deep learning frameworks like PyTorch. Committed to delivering high-quality, timely, and budget-conscious solutions while staying at the forefront of emerging technologies.

Technical Skills:

- **Testing Frameworks:** pytest, JUnit, jest, mocha, cypress, jasmine, selenium and playwright
- **Types of Tests:** Unit tests, end-to-end testing, functional testing, regression testing, smoke testing, integration testing
- **Programming Languages:** C, C++, C#, Go, Java, Python, Node.js, React/native, Typescript, Javascript
- **Programs Made:** Web Apps, Desktop, Mobile, Web Servers, DevOps Tools, Back-end, Front-end, Full-stack, Microservices, APIs, ORMs
- **Frameworks & Libraries:** Flask, Django, Pandas, NumPy, PyTorch, TensorFlow, Spring, Hibernate, .NET, Linq, WPF, Xamarin, Angular, Nextjs, Pickle
- **Cloud Platforms:** AWS, Azure, GCP
- **Machine Learning:** Supervised, Unsupervised, Deep Learning
- **DevOps Tools:** Version control (Git, GitHub, Jenkins, Ansible/Chef, Docker, Docker Swarm, Containerization, Kubernetes, CloudFormation, Grafana, Jenkins, automated testing, CI/CD
- **Databases:** SQL, mysql, mongodb, postgresql, duckdb, AWS auroraDB, AWS dynamoDB, S3, redis, redshift
- **Familiarity with:** Full stack, front end, back end, web design, web applications, APIs, oracle, design patterns, data modeling, microservices, lambda functions, data analysis, statistical modeling, CSV, ANN, CNN, Linear Regression, Random Forrest, Bayesian Methods.
- **Client-facing experience:** provided white glove service for network infrastructure setups, server setups, rack setups, cable runs with plenum ethernet cables, office desktop/printer setups, and handling software delivery via images per client requirements.

Certifications: Amazon Web Services Developer Associate (DVA-C02) – [Credly Link to verify](#)

Additional Languages: Fluent in Spanish; learning Mandarin

PROJECTS (Appendix for Web Links below)

Luegle Maps

Geospatial application to locate places listed on Google
Tech: Javascript, HTML, CSS, Express, Google Places API

[Video](#)

[GitHub](#)

Nov 2023 – Dec 2023

Titan Capital Financial

Banking CRUD application
Technologies: React, Hooks, Context, ChartJS, & JSON Server

[Video](#)

[GitHub](#)

Dec 2023 – Jan 2024

MedExams – Team Lead/Backend Lead

Medical CRUD application
Stack/Technologies: MERN, RabbitMQ, Redis, Tailwind CSS

[Demo](#)

[GitHub](#)

Feb 2024 - Mar 2024

Hotel Management System

CLI Object Relational Mapper with DB
Technologies: Python, Click, OOP, Sqlite3

[Video](#)

[GitHub](#)

April 2024 – May 2024

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EDUCATION

New York City College of Technology	Brooklyn, New York
Bachelor of Science in Computer Science Technology/Networking and Security	06/2018
<ul style="list-style-type: none">Achieved Dean's Honors List recognition for exceptional academic performance.Applied project management principles and technical skills in Cisco routing, switches, wireless, and security technologies to various coursework and projects.	
Flatiron School Coding Bootcamp for Software Engineering	New York, New York
Part-time Student	Expected Graduation June 2024
<ul style="list-style-type: none">Mastering full-stack development with modern stacks including react, typescript, nextjs, python, flask, django, and CMS systems to build scalable web applications.Created Luegle Maps, Titan Capital Financial and Python CLI Object Relational Mapper projects	

PROFESSIONAL EXPERIENCE

Hack.Diversity	New York, New York
2024 Hack.Diversity Fellow for Software Engineering	2023 – Current
<ul style="list-style-type: none">Selected for the prestigious Hack.Diversity Fellowship, integrating Boston's innovation, corporate, civic, academic, and philanthropic pillars.Led backend development for the MedExams project, ensuring robust and efficient system architecture.Awarded Most Valuable Hacker for outstanding contributions and leadership.Conference Panelist: Shared insights on "How AI Impacts Hiring" at Hack.Diversity's debut during NY Tech Week. YouTube Video	
Cambium Assessment Inc: SaaS company offering secure testing software	Remote
Project Coordinator	2022 – 2023
<ul style="list-style-type: none">Leveraged advanced MySQL, SAS, and Excel skills to ensure data accuracy across 20+ client states, implementing rigorous quality assurance measures.Managed 7+ concurrent projects across 3 groups, facilitating Agile sprints and client meetings to ensure alignment and successful delivery. Utilized JIRA for seamless project tracking and updates.	
Helpdesk Analyst	2021 – 2022
<ul style="list-style-type: none">Conducted comprehensive training sessions for end-users, improving their proficiency with proprietary software for state testing.Mentored technicians to enhance performance, meeting SLA goals consistently. Analyzed data to identify common issues and implemented fixes in SharePoint	

APPENDIX

Luegle Maps	GitHub Repo	https://github.com/LueDev/Luegle
	Video Demo	https://www.loom.com/share/178e15c4ea5f435984a40c93ea01105a
Titan Capital Financial	GitHub Repo	https://github.com/LueDev/Titan-Financial-Capital
	Video Demo	https://www.loom.com/share/10090d68916245ed929e93cb6a997857?sid=e68f47d7-edfc-4d38-ad16-b48f14d74323
MedExams	GitHub Repo	https://github.com/LueDev/TechDive
	Render Demo	https://medexams.onrender.com/home
Hotel MS	GitHub Repo	https://github.com/LueDev/Python-CLI-ORM
	Video Demo	https://www.loom.com/share/1e3491e8b6f1421ebdd4cc2fb97bdd4f?sid=939bcd8c-3438-4132-bd86-d0beefcc64de
Tech Week Conference	Youtube	https://www.youtube.com/watch?v=W2xCARTtuIs