

LUIS JORGE, SOFTWARE ENGINEER

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SUMMARY:

Full-stack software engineer with over 8 years of diverse experience in designing, developing, and deploying scalable web and mobile applications. Specialized in **Python development**, particularly in **Django** and **Flask** frameworks. Proven expertise in backend systems, message-oriented middleware (AMPS, RabbitMQ, ZeroMQ), and data manipulation with Pandas and NumPy. **AWS Certified Developer Associate** with a deep understanding of **cloud-native solutions** (AWS, Azure, GCP) and **machine learning frameworks** like PyTorch and TensorFlow. Passionate about building efficient, secure, and scalable applications in dynamic team environments. Fluent in Spanish and learning Mandarin.

Core Competencies:

- **Programming Languages:** Python, JavaScript, C, C++, C#, Go, Java, Node.js, React, TypeScript, Arduino native
- **Frameworks & Tools:** Django, Flask, Pandas, NumPy, TensorFlow, PyTorch, Spring, Hibernate, .NET, Angular, Next.js
- **Testing Tools:** pytest, JUnit, Jest, Mocha, Cypress, Jasmine, Selenium, Playwright
- **DevOps & Cloud:** Docker, Kubernetes, Jenkins, AWS (CloudFormation, Lambda, S3, RDS), Azure, GCP
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, AWS DynamoDB, influxDB, Cassandra, SQL
- **Additional Skills:** Machine learning (supervised, unsupervised), statistical modeling, APIs, ORM, CI/CD pipelines, Agile methodologies

PROFESSIONAL EXPERIENCE

Hack.Diversity: Connecting Black/Latinx individuals to Tech organizations New York, New York
2024 Hack.Diversity Fellow for Software Engineering 11/2023 – 08/2024

- 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 highest honor, the Jody Rose award for most embodiment of all core values: "Community, Advocacy, Resilience, Empathy" and 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

- Managed multiple projects across different teams, using Agile methodologies to meet project deadlines and client expectations.
- Streamlined **data accuracy** across 20+ client states using MySQL and SAS, ensuring compliance with stringent state testing standards.

Helpdesk Analyst 2021 – 2022

- Conducted training sessions for end-users, improving software proficiency and adoption rates. Implemented issue tracking and resolution processes, reducing ticket resolution time by 20%.

EDUCATION

Flatiron School Coding Bootcamp

Expected Graduation October 2024

- Focused on full-stack development using modern technologies such as React, TypeScript, and Python to build scalable web applications.

New York City College of Technology

Bachelor of Science in Computer Science Technology

- Graduated Dean's Honors List for academic excellence. Applied project management principles to Cisco technologies in coursework and projects.

Certifications & Languages:

- **AWS Certified Developer Associate** (DVA-C02) - ["Credly Link to verify"](#)
- Fluent in **Spanish**, learning **Mandarin**

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PROJECTS

Luegle Maps

Geospatial application built using JavaScript and the Google Places API to locate places listed on Google.

GitHub Repo: <https://github.com/LueDev/Luegle>

Video Demo: <https://www.loom.com/share/178e15c4ea5f435984a40c93ea01105a>

Titan Capital Financial

Banking CRUD application built using React, Context API, and Chart.js for data visualization.

GitHub Repo: <https://github.com/LueDev/Titan-Financial-Capital>

Video Demo: <https://www.loom.com/share/10090d68916245ed929e93cb6a997857?sid=e68f47d7-edfc-4d38-ad16-b48f14d74323>

MedExams – Team Lead / Backend Lead

Led backend development of a medical CRUD application using the MERN stack, RabbitMQ, and Redis.

GitHub Repo: <https://github.com/LueDev/TechDive>

Render Demo: <https://medexams.onrender.com/home>

Hotel Management System on Terminal

CLI Object Relational Mapper using Python, Sqlite3 DB, and Click library

GitHub Repo: <https://github.com/LueDev/Python-CLI-ORM>

Render Demo: <https://www.loom.com/share/1e3491e8b6f1421ebdd4cc2fb97bdd4f?sid=939bcd8c-3438-4132-bd86-d0beefcc64de>