**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**

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| --- | --- |
| **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](https://medexams.onrender.com/home) 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](https://www.youtube.com/watch?v=W2xCARTtu1s)

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| **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.

|  |  |
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| 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](https://www.credly.com/badges/f4a2bdfc-61fd-450d-9711-58fd727483db/linked_in_profile)”
* Fluent in **Spanish**, learning **Mandarin**

**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>