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# Lex Lutor Iyornumbe

## Software Developer

Abuja, Nigeria

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## SKILLS

**Languages:** Python, JavaScript/TypeScript, CSS, HTML5, Webpack, PHP, Go, C#, GraphQL

**Frameworks:** PyQt, React, Next, React Native, Redux, RTK Query, GraphQL, Flutter, Jest, Mocha, Cypress, SASS, Bootstrap, Material UI, Chakra UI, SCSS, Tailwind, Django, FastAPI, Flask, Node, Nest, Gin, Laravel, Vue, Nuxt, Ruby On Rails, Rust, Selenium, Pytorch, SeleniumBase, Numpy, Pandas, Pyspark, Snowflake, Airflow

**Machine Learning Tools:** PyTorch, Scikit-Learn, Pandas, NumPy, Matplotlib, Jupyter, TensorFlow, Keras

**Big Data Technologies:** Apache Hadoop, Spark, Kafka, Elasticsearch

**Dev Ops:** ClickUp, JIRA, Git, Github Actions, Gitlab, AWS, GCP, Azure, Digital Ocean, Docker, Kubernetes

**Databases:** MongoDB, CouchDB, PostgreSQL, MySQL

## EXPERIENCE

**Punch Agency, San Francisco (Remote)** - *Software Developer*

JANUARY 2025 - Present

- Pioneered the development of a distributed web scraping framework using Scrapy, Seleniumbase and Python, delivering critical market insights and influencing product pricing strategy.
- Collaborated with the machine learning team to integrate AI capabilities into existing Python applications, resulting in a 10% improvement in recommendation accuracy.
- Worked with a team of 2 developers to refactor an aging codebase, which decreased technical debt by 30% and improved code maintainability.
- Spearheaded the adoption of an automated testing framework, which led to a 25% reduction in bug-related customer complaints.

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- Revolutionized the company's deployment strategy by implementing Blue-Green deployment using Python scripts, cutting downtime during deployments by 95%.
  - Re-engineered critical backend services, improving processing speed by 30% and cutting operational costs by 20%.
  - Automated manual data processing tasks, saving the team over 200 hours annually.
  - Built and maintained web scrapers that collected data essential for market analysis, impacting inventory management decisions.
  - Conducted unit testing for software modules, identifying and fixing bugs early in the development cycle.
  - Consistently contributed code that achieved a PyLint score of 9.8/10 on average.
  - Successfully refactored and improved code quality in Python projects improving average PyLint score from 3.56/10 to 9.8/10. This resulted in a 176% increase in code maintainability, reduced potential errors, and improved development efficiency.
  - Implemented a Git workflow with an automated job to remove stale branches, streamlining codebase management and reducing repository size by 22%.
  - Established a continuous integration (CI) pipeline using Git workflows to perform unit tests, backward compatibility tests on 3 Python and Node versions (3.10, 3.11, 3.12 and 16, 18, 20 respectively), and linting with Flake8, Pylint, ESLint and TSLint. This resulted in an 87% increase in code coverage and an 89% reduction in potential errors identified by static analysis tools.

### **Right Click Solutions, Abuja** - *Software Developer*

JANUARY 2022 - JANUARY 2024

- Software Developer on [ADAMS Data Management Solution](#)
  - Contributed to a 15% reduction in the Software codebase size by refactoring legacy code and introducing component-based design patterns.
  - Led a series of internal workshops on React.js and modern JavaScript ES6+ features to upskill the development team, resulting in a more efficient and cohesive unit.
  - Managed software development team and increased productivity by 20% through implementation of Scrum principles.

- Supervised complete migration of large module to Microservices Architecture, contributing in 30% reduction in operational cost and 50% less system downtime.
  - Supervised the full application life cycle, ensuring 99.99% system uptime.
- Software Developer on [Electronic Material Management System](#)
  - Optimized web application performance, leading to a 35% decrease in page load times by introducing code-splitting techniques and optimizing Webpack configurations.
  - Managed a team of 3 developers in adopting Agile methodologies, increasing delivery speed by 30% and improving code quality which led to a 25% decrease in post-deployment bugs.
  - Orchestrated cross-functional teams to implement end-to-end test automation resulting in a 90% coverage rate and reduced regression testing time by 75%.
  - Re-engineered software's continuous development deployment pipeline, reducing release cycles by 40%.
  - Built a customer analytics platform via SQL and JavaScript that contributed to a 15% increase in customer satisfaction.
  - Promoted to Principal Engineer within 18 months due to outstanding leadership in project execution and innovation in front-end development practices.
  - Built recommendation systems using collaborative filtering techniques, increasing user satisfaction and engagement by 22%.
  - Analyzed large datasets using SQL and Spark, reducing query time by 40% and uncovering key business insights.
  - Implemented machine learning models for customer segmentation, driving a 15% increase in targeted marketing campaign effectiveness.
- Mentoring of Intern/Junior Developers (19)
  - Curator of learning materials and syllabus for intern developers ([Code Hut](#)).
  - Provided technical leadership and guidance to interns working within the team.
  - Assessed over 300 commits, ensuring 100% compliance with coding standards.
- Software Developer on [NUIMS 360](#)
  - Optimized feature deployment processes using Docker and Github Actions, yielding a 50% reduction in deployment-related errors and efficient continuous integration/continuous delivery workflows

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- Engaged in the re-architecture of the legacy systems into a microservices-based approach, which reduced server costs by 30% and improved scalability
  - Principal Engineer
    - Deployed implementation of [Standard Operating Procedure \(SOP\)](#) Document, enhancing onboarding efficiency and coding standards by over 70%, resulting in a 50% reduction in training time and 60% decrease in coding errors

### **EF Network, Abuja** - *Junior Developer/Technical Support*

September 2020 - December 2021

- Laravel Developer, [EFContact](#)
- Laravel Vue Developer, [EFSkyview](#)
- Technical Support Specialist, EFSkyview

## **EDUCATION**

### **Universite Abomey Calavi, Benin** - *B.Sc*

SEPTEMBER 2011 - OCTOBER 2014

Second Class Upper B.Sc in Computer Science

## **AWARDS**

- **John Maxwell Leadership participant (September 2018)**