

Leonard Eboka Emelieze

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Git Repository: <https://github.com/leoseis>

Professional Summary:

A dedicated Django Developer with over 4 years of experience, proficient in developing robust web applications and passionate about creating efficient and scalable solutions. Additionally, possess over 8 years of experience as a seismologist, demonstrating expertise in analyzing seismic data and contributing to research in geophysics. Skilled in problem-solving, teamwork, and communication, seeking opportunities to leverage technical skills and domain knowledge in a challenging environment.

Education:

Bachelor of Technology BTECH Geology

Federal University of Technology Owerri

Professional Experience:

Primera Tech 2020 till Present

Django Developer

Designed and developed web applications using Django framework, adhering to best practices and industry standards.

Collaborated with cross-functional teams to gather requirements, plan project timelines, and deliver high-quality software solutions.

Implemented RESTful APIs to facilitate communication between front-end and back-end systems, ensuring smooth data flow.

Utilized Django ORM to interact with databases and manage data models effectively.

Implemented security measures to protect web applications from common vulnerabilities, such as SQL injection and cross-site scripting (XSS).

Conducted code reviews and provided constructive feedback to team members, fostering a culture of continuous improvement.

Seismologist

BGP/CNPC, River state Nigera

[March 2012] - [April 2019]

Conducted seismic data analysis using advanced statistical and computational techniques to study earthquake characteristics and seismic hazards.

Contributed to research projects focused on understanding the geological processes leading to seismic events and assessing their impact on the environment.

Developed models and simulations to predict seismic activity and evaluate potential risks in specific geographic regions.

Collaborated with interdisciplinary teams of geologists, geophysicists, and engineers to interpret seismic data and generate insights for scientific publications.

Presented research findings at conferences and workshops, engaging with peers and experts in the field to exchange knowledge and ideas.

Skills:

Programming Languages: Python, JavaScript

Web Frameworks: Django, Django Rest Framework DRF

Database Management: SQL, PostgreSQL, SQLite

Front-End Technologies: HTML, CSS, JavaScript, React

Version Control: Git, GitHub

Data Analysis: Seismic data processing, Statistical analysis, Modeling and simulation

Communication: Technical writing, Presentation skills, Team collaboration

Certifications:

Certified Django Developer

American Association of Geophysics

Safety Awards by BGP/CNPC

Offshore Mandatories

References:

Available upon request.