

Daniel Parkson Tano



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Summary

As a Python Full-Stack Developer with over 5 years of experience, I specialize in building web applications using Django and ReactJS. With a comprehensive understanding of end-to-end development, I have designed, developed, and deployed applications for several clients from various industries. I have collaborated with cross-functional teams to identify project requirements and lead development efforts from ideation to deployment, ensuring high-quality code and project delivery.

Experience



Full-stack Developer

Tantorial

Jul 2018 - Present (4 years 9 months)

Work with cross-functional teams to develop web applications using Django and ReactJS

Design and develop RESTful APIs to support the front-end applications

Develop responsive UI/UX designs using HTML5 and CSS3 using Material-UI framework

Build and maintain databases using MySQL to manage and store data effectively

Work with Git as version control to ensure code accuracy and consistency

Deploy applications on AWS services like EC2 and Lambda

Write automated tests to ensure the application works seamlessly



Back End Developer

Gebeya Inc.

Aug 2022 - Present (8 months)

As a freelance Python backend developer, I was responsible for designing, developing, and maintaining server-side web application logic using Python programming language. My job includes developing a deep understanding of the client's needs, evolving backend infrastructure, and testing the code for changes that optimize performance.

Key Responsibilities:

- Design, develop, and maintain scalable web applications using Python.
- Develop RESTful APIs.
- Writing reusable, testable, and efficient code by following industry best practices.
- Write complex queries for relational databases such as MySQL, PostgreSQL, etc.
- Perform code reviews of team members' work.
- Identify and fix performance issues with server-side applications.
- Collaborate with cross-functional teams including product managers, designers, and front-end developers to create high-quality projects.
- Test and deploy new solutions to address system-level challenges.



Data Analyst intern

UNU-WIDER - United Nations University World Institute for Development Economics Research

Mar 2020 - Mar 2022 (2 years 1 month)

- Perform analysis on evaluation of Donor Support to public financial management (PFM) reform in developing countries worked on data about donations to developing countries by bilateral and multilateral (UN) donors from 1900 to 2018
- Worked on data about foreign aid and support to developing countries.
- Developed Key Performance Indicators to monitor tax, revenue, and foreign aid to developing countries with 97% accuracy
- Conducted research on data expressing interest in foreign aid and domestic taxation, tax structure, economic growth, and development, taxation, non-tax revenue, and democracy, electoral competitiveness, political budget cycles, and taxation in developing countries from ICTD UNU-WIDER Government Revenue Dataset
- Extracted and performed analysis on the level of democracy enjoyed by an average global citizen, electoral autocracy, level of political regime corruption, and judicial and legislative the constraint for developing countries from the Varieties of Democracy (V-DEM) datasets.
- Study government expenditure on health, education, agriculture, import, export, and natural resource as a percentage of countries' GDP for developing countries.
- Writing codes in R and Python to perform statistical analysis and visualization for various datasets such as GRD UNU-WIDER, Data extracted from world development indicators, Country-specific estimates of taxes and constraints, and revenue.
- Completed democracy index analysis, resulting in a 21% increase in efficiency and submission rate.



Computer Science Teacher

Ministry of Basic and Senior Secondary Education

Oct 2019 - Present (3 years 6 months)

Develop and deliver engaging curriculum in computer science to high school students, including courses in programming languages such as C, Pascal, HTML, and CSS

Utilize innovative teaching methods, including project-based learning and coding challenges, to maximize student learning and engagement.

Integrate technology tools and software into the curriculum to enhance student learning and increase their proficiency in computer science.

Monitor and evaluate student progress, provide feedback to students to improve their learning outcomes, and maintain accurate records of student performance.

Collaborate with other teachers and faculty to integrate cross-curricular concepts into lessons and to develop school-wide initiatives to promote computer science education.



Django Developer

Imobbis

Jan 2019 - Sep 2022 (3 years 9 months)

Developed and maintained RESTful APIs using Django and Python

Worked with front-end developers to integrate APIs into web applications

Designed and implemented PostgreSQL databases

Used Docker to containerize applications, decreasing deployment time

Worked with AWS services, including EC2, S3, and RDS.

Participated in Agile development processes and daily stand-up meetings



Full-stack Developer

MBTek Solutions

Jun 2021 - Apr 2022 (11 months)

Developed and maintained web applications using Django and Python

Collaborated with designers and other developers to create responsive and user-friendly interfaces

Helped implement and maintain back-end APIs using Django REST Framework

Worked with various SQL databases to manage and retrieve data

Utilized Git for version control and deployment using AWS

Education



University of Yaounde 1

Bachelor's degree, Computer Science

Oct 2022 - Jul 2023



Higher Teacher Training College, university of maroua

Diploma of Education, Mathematics and Computer Science

Oct 2016 - Aug 2019

Licenses & Certifications



Foundations: Data, Data, Everywhere - Coursera

GVFHXJCPCN85



Ask Questions to Make Data-Driven Decisions - Coursera

2G75DK5XRMPH



Prepare Data for Exploration - Coursera

JYX7GD7UHD29



Process Data from Dirty to Clean - Coursera

WT47T29EN6MW



Analyze Data to Answer Questions - Coursera

448UAKLVK6ZU



Google Data Analytics Certificate - Coursera



Introduction to Front-End Development - Coursera

R46UMKB54ESQ



Programming with JavaScript - Coursera

8CPBEUY9KAU8



Version Control - Coursera

DRT6B24H5365



Introduction to Back-End Development - Coursera

KK8829LENCYH



Google Data Analytics Specialization - Coursera

3234FDE6NYVY



Google Finance Data Analyst Professional Certificate Specialization - Coursera

J4JPQ2UZVLP5



Data Analysis with R Programming - Coursera

F6B3GDSGJVK4



Google Data Analytics Capstone: Complete a Case Study - Coursera

592R47TTVJLF



Share Data Through the Art of Visualization - Coursera

RR9G9HYAEEU9



HTML and CSS in depth - Coursera

9JDWTK7JYPX6



React Basics - Coursera

SMHAGQE3GJ3P



HTML and CSS in depth - Coursera

YJAMQ4EFD9BW



Triplebyte Certified - Triplebyte

b8a7Hav



Advanced React - Coursera

BRE2LGZX2GDT

Skills

Tutoring • API Development • Object-Oriented Programming (OOP) • Algorithms • Web Development
• React.js • Python (Programming Language) • Test Driven Development • Microsoft Office • Data
Analysis