# Daniel Parkson Tano

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## Summary

As a Python Full-Stack Developer with over [X] 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.

### Research Assistant

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

Mar 2020 - Present (3 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)
Built backend API with Django rest framework for interaction between frontend end built with React Native with firebase
Supervised 4 colleagues to ensure adherence to quality standards and proper work procedures
Designed and configured database and back-end applications and programs.
Coded test programs and evaluated existing engineering processes.
Handled programming tasks and maintained 3 internal APIs with a high success rate (97%) in product update deployment.

Worked on high-impact projects such as content recommendation systems, delivering solutions with lower than 20% code churn.
Developed a marketing lead MySQL database, collecting, categorizing, and filtering leads from various stakeholders
Configure and manage firebase user authentication, cloud messaging, and notification
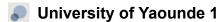for all company projects with a success rate and deployment time of 94%

### Full-stack Developer
MBTek Solutions
Jun 2021 - Apr 2022 (11 months)
- Handled programming tasks and maintained 3 internal APIs with a high success rate (97%) in product update deployment.
- Worked on high-impact projects such as content recommendation systems, delivering solutions with lower than 20% code churn.
- Developed a marketing lead database model, collecting, categorizing, and filtering leads from various stakeholders
- Build frontend UI with an ionic framework which was widely appreciated by the company leader.
- Configure and manage firebase user authentication, cloud messaging, and notification for all company projects with a success rate and deployment time of 94%.
- Built backend API with Django rest framework for interaction between frontend end built with Ionic framework.
- Supervised 4 colleagues to ensure adherence to quality standards and proper work procedures
- Designed and configured database and back-end applications and programs.
- Coded test programs and evaluated existing engineering processes.

## 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)  •  Ionic Framework  •  Bootstrap  •  Cascading Style Sheets (CSS)  •  HTML  •  Computer Science  •  Algorithms  •  Web Development