Donatus Ajaezu

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Summary

I am an expert in building and maintaining data processing mechanisms and website functionalities, specializing in server-side software, SQL databases, back-end logic, APIs, architecture, and server management. I create websites and applications using Flask, Django, and web technologies like HTML, CSS, and JavaScript. My background in agile project management, product development, optimization, design, and DevOps equips me with the skills to streamline development processes, foster collaboration between teams, and automate deployment pipelines for efficient and reliable software delivery. My ability to integrate data analysis seamlessly into web development projects enables me to derive meaningful insights, enhance user experiences, and contribute to data-driven decision-making within the development lifecycle.

Experience

07/2022 – Present   Software Engineer
Solej Global

- Developed websites and web applications using Flask and Django web frameworks, along with web technologies such as HTML, CSS, and JavaScript.
- Worked on various backend micro-services enhancements using Flask and the Django web framework.
- Integrate data from various sources, including internal databases, third-party APIs, and external data sets.
- Played a pivotal role in the core infrastructure team, responsible for designing, developing, and maintaining REST APIs and their integration into Android applications.
- Supported over 12 client applications used globally by implementing Continuous Integration and Continuous Delivery (CI/CD) practices.
- Actively participated in making architectural decisions and refining technical solutions.
- Optimized websites for improved speed and performance, enhancing the overall user experience.
- Provided technical support to clients to facilitate the usage of applications.
- Conducted testing and debugging to ensure the reliability and functionality of software solutions.
- Use scripting languages (e.g., Python, Bash, Unix) and programming languages for configuration purposes and to develop data-related solutions.
- Utilize cloud platforms (e.g., AWS, Azure, Google Cloud) for scalable and cost-effective data storage and processing.

08/2019 – 07/2022   Web Developer
OBIANEKS Investment Limited, Lagos, Nigeria

- Designed, developed, successfully launched, and maintained websites and applications for diverse clients using Amazon Web Services.
- Responsible for maintaining the codebase and implementing new features based on customer requirements.
- Set up continuous integration, significantly improving my team's efficiency.
- Conducted data modeling and visualization tasks.
- Assessed data quality using Excel and Word.
- Ensured high code quality through rigorous code reviews.
- Recommended process updates and prioritized requirements/enhancements for the business after diagnosing IT issues and categorizing problems into business and technical topics.
- Provided technical support to clients to enhance the ease of using the applications we built.

08/2015 – 02/2016   Internship (Automotive)
**   Trinity Scientific Automobile (Eddy Motors), Anambra, Nigeria**

- Tested new automotive systems using the Python programming language.
- Worked on powertrain division and simulation tasks using the Python programming language.
- Conducted troubleshooting and vehicle diagnostics using software tools like OBD2 scanners.
- Engaged in automotive engineering processes, utilizing computer programs such as MATLAB and AutoCAD.
- Designed and implemented complex algorithms and approaches to address engineering and product-related challenges.

Software Skills

Tech Stack:	C, Python, JavaScript, SQL, Typescript, Kotlin, Git
Libraries/Frameworks:	Pandas, Matplotlib, Numpy, Bootstrap, Django, Flask
Microsoft Office/Data Tools:	Word, Excel, Power Point, MS Project, Power BI, Tableau
Graphics Design:	Html, CSS, Corel Draw, Microsoft Photo Paint
CAD/Design:	AutoCAD, Solidworks, Matlab

Trainings/Certifications

- Cs50(Free Havard Course)- Introduction to Computer Science and the Art of Programming
- Saylor Academy- Introduction to Modern Database Systems
- HackerRank- Python, SQL, Problem Solving
- Codeacademy- HTML and CSS
- Freecodecamp- Javascript, Kotlin and Scientific computing with Python
- W3school- Python, SQL, and Django Web Frame Work

Education

08/2012 – 07/2017   Chukwuemeka Odumegwu Ojukwu University, Uli, Nigeria
                           Mechanical Engineering (Bachelors in Engineering)
                           GPA – 4.39/5.00

Language Skills

- **Igbo:**   Business Fluent/Native Speaker

- **English:**   Business Fluent/Native Speaker

Reference

Available Upon Request

Donatus Ajaezu