Contact

icasiano_ian@yahoo.com

www.linkedin.com/in/ianicasiano
(LinkedIn)
www.github.com/cian0 (Portfolio)

Top Skills

Stable Diffusion
MLOps
Amazon Web Services (AWS)

Cyril Ian Icasiano

Data Engineer, ML Ops , Data Analytics - Freelance
Metro Manila, National Capital Region, Philippines

Summary

Dynamic Software Engineer with over 10 years of diverse experience across Data Engineering, DevOps, and Product Design and Development. Well-versed in developing and modernizing IT operations through robust data pipeline design, advanced automation, and strategic use of cloud infrastructure, primarily AWS. Currently engaged in the development of AI-driven applications, with a focus on machine learning operations and model optimization. Proficient in project management, business analysis, and software engineering, with a specialization in mobile development across Android/iOS and web technologies such as AngularJS, Backbone, and Laravel PHP. Adept at employing Agile methodologies to enhance software quality through rigorous code reviews and test automation. Demonstrates strong capabilities in strategic product development from concept to deployment, ensuring alignment with business objectives. Committed to leveraging analytical tools like Looker Studio and Google Analytics to foster data-driven decision-making and generate actionable business insights.

Technical Proficiencies:

Cloud Platforms: AWS
Data Engineering Tools: Apache Airflow, Snowflake, Google BigQuery, Looker Studio
Development Tools: Python, JavaScript, NodeJS
Web Technologies: AngularJS, Backbone, Laravel PHP
Mobile Development: Android, iOS
Database Management: PostgreSQL, MySQL, NoSQL
BI and Visualization Tools: PowerBI, Qliksense
Software Development Practices: Agile Methodologies, Code Reviews, Test Automation
Other Tools: NGINX

Experience

Les Bonnes Choses
Data Engineer
June 2023 - Present (11 months)
France

Key Responsibilities:

Data Pipeline Development: Design and implement robust data pipelines using Apache Airflow, managing data extraction, transformation, and loading (ETL) processes efficiently. Utilize Python and JavaScript to enhance data wrangling and automation processes.
Data Storage and Management: Expertly manage and optimize data storage solutions using Snowflake and Google BigQuery. Ensure data integrity and accessibility to support analytics and business intelligence.
Advanced Data Analytics: Conduct sophisticated data analytics, employing Looker Studio to create compelling data visualizations and narratives that clearly communicate analytical results to stakeholders.
Automation and Streamlining: Develop automation strategies to streamline data collection and analysis processes, reducing manual efforts and enhancing data accuracy and timeliness.

Glimp.AI
Full Stack | DevOps, Data Analytics, Product Management, ML Ops
June 2023 - Present (11 months)
United States

Key Responsibilities:

AI and Machine Learning Operations: Lead the development and operationalization of AI applications, focusing on stable diffusion models, training, and fine-tuning. Utilize extensive DevOps practices on AWS infrastructure to streamline workflows and enhance model performance.
Strategic Product Development: Act as a product strategist, identifying opportunities for innovation and guiding the development of applications from concept through deployment, ensuring alignment with business goals.
Data Engineering and Analytics: Design and implement robust data pipelines and analytics platforms using Looker Studio and Google Analytics. Develop interactive analytics dashboards to provide actionable insights into complex data sets.
Automation and Process Optimization: Implement automation solutions to improve efficiency and accuracy across multiple operational areas, reducing time-to-market for new features and capabilities.

Locad
Data Engineer
June 2023 - December 2023 (7 months)
Philippines

EZIE App
BI Manager Consultant
July 2022 - December 2022 (6 months)

- Building interactive analytics dashboards using tools
- Developing data pipelines, extracting data from sources, strong SQL-skills are a must have
- Working with Logistics data – including claims/administrative/financial data and/or ops data
- Proven experience operating successfully within ambiguity; you are a results-oriented professional who can make sense of chaos to continually deliver desired results
- Demonstrated organizational skills and the ability to effectively manage competing priorities
- Excellent interpersonal communication and critical problem-solving skills; willingness to challenge yourself and others and take calculated risks to grow the business
- Ability to collaborate with both technical and non-technical stakeholders and can communicate information appropriately based on your audience

Lazada Group
3 years 11 months

Manager - Performance Management, Strategy and Planning
June 2019 - June 2021 (2 years 1 month)
Philippines

Provide end to end insights on company performance, trends and overall health of the business through Big Data technologies and data mining tools. Use prescriptive analytics and data science to generate data models, hypotheses and finally: resolutions in order for business process to run smoothly and minimize risks from edge cases. Responsibilities may include: being on top of process issues, designing new KPI models, automating resolutions and issue deep dives using exploratory analytics, documentation and presentation.

Skills:
KPI Modeling

Data Modeling

Business Intelligence

Prescriptive Analytics

Data Automation

Data Engineering

Data Tools used:

MaxCompute (similar to Hive)

Python (Pandas, Scipy, Numpy)

Laravel + Vue

Nodejs

PowerBI

Qliksense

Senior Associate, Performance Management and Planning (Business Intelligence/Process Automation)

August 2017 - June 2019 (1 year 11 months)

Philippines

Provide insights, data analytics, visibility, drive business decisions through Big Data technologies using MaxCompute (similar to hive)

Technologies used:

- PowerBI

- FBI

- QlikSense

- MaxCompute (formerly known as ODPS, similar to Hive/Hadoop)

- PostgreSQL

- MySQL

- NodeJS

- Python (scipy, numpy, matplotlib)

- Laravel

- NGINX

Main Functions:

- Business insights, data analytics, visibility, decision-making through data visualizations

- Process automation - provide business efficiency through tech tools and programming

- Support team for local tech issues, data issues

Imfree, Inc.
Mobile Software Architect
July 2015 - August 2017 (2 years 2 months)
BGC, Taguig

Freelance
Full Stack Engineer
October 2014 - June 2015 (9 months)

Manages teams, facilitates code reviews, web/mobile/backend developer,
interfaces with clients and analyzes their business needs and provides
costings/project estimations.

Accenture
Team Lead
July 2014 - October 2014 (4 months)

[24]7
Applications Engineer - Mobile
October 2013 - June 2014 (9 months)
Makati

- Design and develop new components of the mobile application platform
- Develop frameworks suitable for inclusion in third party applications
- Provide technical documentation, guidance and support on mobile platform
capabilities
- Work with Product Management and User Experience teams to design,
prototype and deliver best-in class customer service mobile applications
- Research emerging technologies related to mobile applications, such as
multi-modal user interfaces, natural language processing, speech recognition
and predictive analytics
- Work with Engineering management team to establish and reinforce
disciplined software development process and best practices

UST Global
Senior Software Developer
August 2013 - September 2013 (2 months)
McKinley Hill, Taguig

- Work with the team to develop code within the stipulated time
- Apply generally accepted programming standards and techniques to assure
efficient program logic and data manipulation

- Participate in design, coding, testing, debugging, configuring, analysis, code review and documenting operating systems and software
- Present innovative ideas for system improvements
- Adhere to the coding standards and all policies identified for the project specified
- Coordinate with project team members
- Document the approach and actions taken for production/development, testing the code
- Report the progress of work to supervisor and team in team meetings
- Perform other duties as assigned or requested

EScience Corp.
Mid Software Analyst/Developer
January 2012 - July 2013 (1 year 7 months)
Alabang

-Implement all software developments according to set methodologies and coding standards.
-Implement applications that adhere to technical designs. Must consult deviations with -Tech Leads prior to implementation.
-Accomplish change request forms prior to any changes/enhancements to codes.
-Makes sure that all source codes are promoted to the code repository (SVN) according to the guidelines set by the administrator.
-Responds to non-development tasks assigned by TLs and PMs, such as:
-Application monitoring (performance, functional, etc)
-Project meetings (kick-off, project status, project review, project appraisals, etc.)
-Maintains and supports existing products of the company
-Analyzes various ways of coding and take up efficient approach to create quality application
-Develops and maintains programs or code by following the functional and technical specifications provided by PM and TL respectively
-Performs appropriate testing of applications prior to QA process to ensure system reliability and to minimize QA findings
-Documents programming problems and resolutions for future reference
-Apply necessary fixes on the application based on QA findings
-Performs other tasks that may be assigned from time to time

Summit Media
Flash Developer

August 2011 - January 2012 (6 months)
Boni Avenue

Creation of in-house rich media applications, games, ads, etc.

Responsible for all programming projects needed in the department.

Handle programming of web projects

Work closely with the Media Designer for various projects.

Help the group conceptualize new programs for the website.

WideOut Technology Services Incorporated
Flash Developer
June 2010 - July 2011 (1 year 2 months)
Taguig

* Receive tasks from Team Leaders and other designated point persons and develop assigned projects for Clients.
* Monitor delivery status and slack time and takes measures to ensure productivity.
* Learn new production design, development methodologies, trade tools and apply them in production.
* Contribute in the documentation of bugs and their fixes shared in production.
* Contribute in the formulation of team-centric policies, standards and practices to ensure consistent performance and productivity of the team.
* Offer advice to team personnel on production design, development and testing.
* Develop online rich media ads.

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Education

First Asia Institute of Technology and Humanities
Bachelor's degree, Computer Science · (2007 - 2010)