

Arjay Edades Perreras

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Summary

Experienced and dedicated Data Engineer with more than a decade of experience identifying efficiencies and problem areas within data streams. Adept at receiving and managing data from multiple data sources. Expert at making data ready for consumption by working with multiple systems and tool. Built dashboards that visually represented key business metrics in real-time, allowing for quick and informed decision-making by management. Also, experienced in creating information system in both web and mobile platform.

Experience



Data Manager

PHINMA Education

Apr 2019 - Present (4 years 6 months)

- * Developed a data warehouse that enabled efficient storage, retrieval, and analysis of structured and unstructured data
- * Developed a data governance policy that ensured the accuracy, reliability, and security of data collected, stored, and accessed by the organization
- * Developed and maintained data dictionaries that provided clear and consistent definitions for all data elements
- * Developed and implemented an ETL process that enabled the extraction, transformation, and loading of data from multiple sources
- * Transform data analysis into dashboard using various BI tools, such as Power BI, Looker Studio and tableau
- * Developed data collection system



Associate Professor

University of Pangasinan

Jun 2008 - Mar 2019 (10 years 10 months)

Teaches computer programming subjects using different programming language like, C, C++, Java, Python and VB.net. Also teaches website development (PHP and ASP.net) , DBMS (Mysql and DB2), and mobile app development (Android and iOS). Also serves as technical consultant for most of the Thesis/Capstone projects.



Graduate School Facilitator

University of the Cordilleras

Jan 2017 - Apr 2017 (4 months)

Serves as a facilitator for post graduate subjects such as Advance Information System and Advance Database Management. Also rendered as research consultant for some of the MIT students.



Freelance Web Developer

US/PH-based companies

Jun 2010 - Oct 2021 (11 years 5 months)

- * Developed websites for various clients local and abroad. This includes film festival website in USA, fintech application, tourism website, course management system, performance evaluation system, sales and inventory system and electric bill monitoring system.
- * Performs back-end support for most of the projects including API development
- * Knowledgeable in application development including mobile application

Education



University of the Cordilleras

Master's Degree, Information Technology

2012 - 2016



University of Pangasinan

Bachelor of Science, Information Technology

2004 - 2008

Licenses & Certifications



IBM DB2 Academic Associate - IBM



Proxor 3 Rating - PROXOR A Carnegie Mellon University (SDE Java Certification)

Skills

Data Engineering • Database Administration • SQL • Data Analysis • Business Intelligence Tools •
Web Development • Software Development • Mobile Application Development