# Renz Anthony Granados

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## Summary

Experience in Big Data Analytics, Visualization and Reporting.
Experience in developing Business Intelligence applications and dashboards.
Experience in Data Engineering and ETL.
Experience in developing Desktop Applications.
Experience in DevOps, deploying infrastructure using Elastic Kubernetes Service with Terraform provider.
Automating CICD using pipelines and creating docker images.

Some of my relevant tech stack in the respective fields are as follows:

Data Engineering:
Python, Scala, Apache Spark/ PySpark, SQL, Data Warehousing & ETL, Apache Airflow

Data Visualization:
Power BI, Plotly, TIBCO Spotfire

Data Analytics:
JMP, SAS, R

Web Development:
Django, Dash, Streamlit, React, HTML, CSS

Database Management:
MS SQL Server, MySQL, IBM DB2, Azure SQL Server, Amazon Redshift

Cloud Computing:
Amazon Web Services (AWS - Certfified twice), Microsoft Azure Cloud

Others :
Gitlab/ Github CICD, Jira, Docker, Kubernetes

## Experience

**Python Data Engineer**
Asticom Technology Inc
Aug 2022 - Present (4 months +)
Deployed in a FinTech company as Data Engineer handling Python Scripts and Data Orchestration of
ML & AI model for service promotion (upsell & cross-sell)

**Application Development Analyst**
Accenture
Feb 2022 - Aug 2022 (7 months)

Capability : Data & AI

Design, build and configure applications to meet business process and application requirements.
Writing reusable, testable, and efficient code.
Design and implementation of low-latency, high-availability, and performant applications.
Integration of user-facing elements developed by front-end developers with server-side logic
Implementation of security and data protection.
Integration of data storage solutions.

Received in-depth training from Pragsis Bidoop (Part of Accenture Applied Intelligence in Madrid, Spain) about Spark, Scala, Python & PySpark, Advance SQL, Git, Docker, Azure Infrastracture and Power BI.

## Manufacturing Engineer
Western Digital
Oct 2020 - Jan 2022 (1 year 4 months)
Dept : Business Intelligence & Data Analytics

Responsible for Data Analysis (Failure Analysis and Trial Evaluation) of multiple products manufactured in production line. Generates report and presents it to stake holders for evaluation. Raise recommendations based on data analysis to improve process which in turn raise business performance. Created over 20+ data analysis reports.

Developed manufacturing dashboards using Tibco Spotfire and Plotly for data visualization, Python and SAS for Data mining/gathering used by Global team to get business insights.

Re-platformed/converted an old version of RShiny data viz web application into a Python web application to improve performance (network traffic, cater additional features)

Developed several ad hoc web applications using Python and PHP as backend for;
1. Comparing semi-automated product's target calculation vs. uploaded data on the line database which helps error proof semi-automated process.
2. Semi-automated report generator for faster Failure Analysis of products manufactured in line, e.g. comparing trial with baseline products.

## IT Staff
STI College
Jun 2019 - Jun 2020 (1 year 1 month)
Responsible for daily troubleshooting of PCs used in computer laboratory, includes basic networking, computer hardware troubleshooting, OS installation, clean-up, etc.

Developed Information Systems used in school events i.e., Voting System, Monitoring System using Microsoft Excel, VBA andVisual Basic.NET.

Developed ad hoc Tabulation Systems using Microsoft Excel and VBA for events sponsored by STI College Balayan. Developed over 50+ tabulation systems for different barangays and towns within the 1st district of Batangas.

## Education

### STI College Balayan

Bachelor's degree, Computer Engineering

2014 - 2019

Awards & Recognition : Academic Distinction (GPA : 1.56), Best in Project Design & Best in Project
Design Presenter

## Licenses & Certifications

**Applied Data Science I: Scientific Computing & Python (with honors)** -
WorldQuant University

**AWS Partner: Accreditation(Business)** - Amazon Web Services (AWS)

**AWS Certified Cloud Practitioner** - Amazon Web Services (AWS)

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**AWS Partner: Accreditation (Technical)** - Amazon Web Services (AWS)

**Amazon Web Services Developer - Associate** - Amazon Web Services (AWS)

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