# Kenneth Augusty

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## SUMMARY

- **Programmer Analyst Trainee with 3+ months experience in Database & Azure.**
- **1-month exposure to Continuous Self Development program for CORE IT skills including Big Data, Python, DBMS and Data Warehousing.**
- **Intermediate to expert knowledge in MySQL, PostgreSQL and Data warehousing.**
- **Good understanding of database concepts, ACID properties, Normalization.**
- **Extensively used tables, index, constraint in project.**
- **Comfortable in writing DDL commands and scripts to create database objects.**
- **Extensive knowledge in writing complex queries using joins and filters.**
- **Combined the tables and columns by appending queries and merging queries by Joins Concepts.**
- **Hands-on experience in manipulating databases using DML operations like update and delete.**
- **Good exposure to subqueries and data manipulation via nested queries.**
- **Basic knowledge of DCL command, grant, revoke, backup, commit, rollback.**
- **Basic knowledge of ETL concept Extract, Transform, Load.**
- **Hands-on experience in data extraction and data load from source to target.**
- **Good knowledge on extracting the data from source database to csv files.**
- **Hand on experience loading data from external csv files to target database.**
- **Fundamental knowledge in Microsoft AZURE concepts.**
- **Good knowledge in Python Programming.**
- **Trained in Big Data, Hadoop, HDFS, Map reduce, HBase, Hive Database, HQL.**
- **Good knowledge in Object Oriented Programming using Java.**
- **Basic skill in Java programming using class, encapsulation using method overriding, polymorphism etc.**
- **Proficient knowledge in languages like Python, C, SQL, C++, Java, HTML, PHP and CSS.**
- **Worked on various OS like windows and Linux**
- **Worked in part of teams and have a good understanding of the role one will have to perform.**

## EDUCATION

**Rajagiri School of Engineering and Technology (RSET)** | Bachelor of Technology in Computer Science and Engineering
June 2021

- CGPA: 8.56/10.0

## EXPERIENCE

**Programmer Analyst Trainee**　　　　　　　　　　　　　　　　　　　　　Sept. 2021 - Present
Cognizant Technology Solutions (CTS) | Kochi, Kerala

Employed as Programmer Analyst Trainee under the division of CDB AIA. Getting familiar with Microsoft Azure as the technology.

　Key Accomplishments:
- Significantly increased knowledge on SQL, Python, Java, Big Data and Microsoft Azure.

**Intern on Artificial Intelligence**　　　　　　　　　　　　　　　　　　　　　June 2020
Pace Lab | Kochi, Kerala

- Underwent an Online Internship brushing up the basics of AI and their uses in real time. Familiarized with distinctions between AI while learning more on its subvarieties.

**Intern on Embedded Systems and Robotics** June 2019

Infox Technologies  | Kochi, Kerala

- On campus internship where common topics about robotics and embedded systems were covered.

## SKILLS

Python, C, SQL, C++,  Java, HTML, PHP ,CSS, MySQL, PostgreSQL, Pandas, Windows, Linux, Problem Solving, Creative, Teamwork and Collaboration.

## PROJECTS

**Database to Data Warehousing** 2021

Cognizant Technology Solutions (CTS)| Kochi, Kerala

Description:

Reverse engineering a data model into a warehouse. A source database is to be created first in a sql server. After analysing the data, a target ER diagram is drawn and based on the diagram, the target table structure is created in another sql server. Using a suitable data migration tool, data is transferred to the Data Warehouse from the source database.

Role: Database management, Developer.

Responsibilities: Creating source tables, populating source tables, analysing the data, Creating target table structure

Environment: Anaconda, MySQL, PostgreSQL.

**SMILES - Simplified Molecular Input Line Entry System** (Final Year Project) 2021

Cardinal School Aluva | Kochi, Kerala

Description:

A fully automated online interactive examination platform for conducting chemistry exams online for Higher Secondary students. The platform works as a tool where the student can draw the chemical structures which are then converted to smiles and sent for evaluation using python modules. The results are then used for grading.

Key Features:

- Interactable Front End in the form of a website providing access to teachers and students separately.
- Test Interface in which we are able to draw and answer the questions.
- Automatic Evaluation of the tests attempted.
- Auto grade and able to view the results in graphical or numerical view
- Able to rank the students and able to mark the attendance.

Role: Developer.

Responsibilities: Software Design and Implementation. Creating front end interfaces and the interaction of this with the back end. Sending requests and fetching data to display based on user requirements.