



Credence

# System Development @ Credence (TM Subsidiary)

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## INDUSTRY TALK 2

What is system development  
What is Analytics  
Career in Analytics  
Tech. We Use Everyday  
Workplace Culture in Credence  
Tips and Motivation

# What is system development ?

Systems development is the process of defining, designing, testing, and implementing a new software application or program. It could include the internal development of customized systems, the creation of database systems, or the acquisition of third party developed software.

Pre-1950s  
"SYSTEMS AND PROCEDURES"

1950s  
INTRODUCTION OF THE COMPUTER

1960s  
MANAGEMENT INFORMATION SYSTEMS

1970s  
AWAKENING

1980s  
THE TOOL-ORIENTED APPROACH

1990s  
REDISCOVERY

2000s  
GADGETS

## HISTORY

# What is Analytics

Analytics refers to the systematic analysis of data to extract meaningful insights and make informed decisions. It involves examining large sets of data to identify patterns, trends, correlations, and other valuable information. Analytics can be applied in various fields, including business, finance, healthcare, sports, transportation and more.

Database  
Extrenal Data  
Social Media

Data  
Transfor-  
mation

Data  
Collection

Analytics  
&  
Modelling

Prediciton  
& Visualiza-  
tion

Strategic  
Tactical  
Operational

## Tech. We Use Everyday



# Workplace Culture in Credence

Open communication. Continuous learning and development. Empowerment and autonomy. Celebration of success.



DO NOT GIVE UP!

WORK IN TEAMS

BE CONFIDENT IN YOURSELF

EAGER TO LEARN AND EXPLORE NEW THINGS

## Tips & Motivation



## Reflection

How you will be a system developer in the next four years?



In light of credence's work culture, in the coming four years, my approach to system development will involve embracing emerging technologies, and refining my skills to contribute effectively to innovative solutions.

Understand how websites works  
Look for internships or entry-level jobs to gain hands-on experience.  
Practice by creating your projects.

I aim to adapt to evolving methodologies, collaborate with diverse teams, and leverage my experience for proficient system development.

Connect with others in the field to learn and share  
Understand how websites works  
Approach challenges with problem solving mindset