



# Akash Adhikary

Senior Systems Engineer at Infosys Ltd.

With good communication and programming skills, handled various projects requiring divergent & critical thinking. Dynamic, hardworking and creative.

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## WORK EXPERIENCE

### Python/ETL Developer (Data & Analytics) Infosys Limited

12/2019 - Present - 2.3yrs

Data warehouse Modernization Oracle to Snowflake via Matillion ETL

- Built robust pipelines to replicate data from various endpoints (Oracle, IBM Db2, XML, JSON, CSV) to Snowflake for Data warehousing.
- Built re-usable ETL Ingestion framework using Novel tools like Matillion and Qlik Enterprise Manager to build the replication jobs and scheduled them through control-M and utilize its APIs
- Developed python scripts to Automate Deployment, and send email-notifications of job status
- Developed Python script to integrate Matillion and Control-M and to generate logs.
- Expertise in writing Optimized SQL queries for Complex data Analysis

### Embedded Intern GT Silicon PvtLtd

06/2018 - 08/2018

Kanpur (UP), India

GT Silicon is carving a niche in foot-mounted pedestrian navigation.

Used MEMS based INS and GPS module to develop a positioning system on embedded C.

- Developed codes for parsing GPS NMEA Messages and dual foot fusion in C language.
- Integrated INS with GPS to develop a robust Universal Positioning System and achieved over 90% accuracy.

Contact : Mr. Subhojyoti Bose (R&D Engineer/ internship mentor) - +91-8240915758

## EDUCATION

### B Tech. in Electronics and Communication Haldia Institute of Technology

08/2015 - 06/2019

Haldia

MAKAUT

- 7.23 CGPA

### XII (AISSCE)

#### Kendriya Vidyaalaya MEG & Center Bangalore

04/2014 - 04/2015

Bengaluru

CBSE

- (PCMC)75.8%

### X (AISSE)

#### Kendriya Vidyaalaya MEG & Center Bangalore

04/2012 - 04/2013

Bengaluru

CBSE

- 9.8 CGPA

## SKILLS

Python

Snowflake

Matillion

C & C++

Qlik Enterprise Manager

Unix

ETL

PHP

Mysql

Agile

SnowSql

Snowpipe

## PROJECTS & PUBLICATIONS

### Performance Evaluation of Low-Cost RGB-Depth Camera and Ultrasonic Sensors (06/2019 - 01/2020)

- Lecture Notes in Electrical Engineering , Springer ( 2020 ) , pp. 331 - 341 , [10.1007/978-981-15-0829-5\\_33](https://doi.org/10.1007/978-981-15-0829-5_33)

### Design and Development of A Smart Parachute Control System for Military and Civilian Applications (08/2018 - 12/2021)

- Turkish Journal of Computer and Mathematics Education (TURCOMAT) 11 (1), 492-501

### Triyambaka - Autonomous Navigation and Positioning system (12/2017 - 12/2018)

- A computer vision & SLAM based drone to map any indoor environment using Microsoft kinect
- DRDO Druze, passed Zonal level screening

## ACHIEVEMENTS

### Delivery Ninja at Infosys (01/2022)

For consistent performance and outstanding commitment to work

### Rise Award at Infosys (06/2021)

For Mastering new replication tool in no time and bagging client appreciation for POC & Presentation

### Defense Research & Development Organization Robotics and Unmanned Systems Exposition (2018)

Top 30 in East zone (in india) , Rs. 10,000 cash prize

### Anveshan Student Research Convension (MAKAUT) (2018)

Shortlisted In top 30 (In university)

### Intel Initiative for Research & Innovation in Science (2012)

Silver (National level), Outstanding Award.

### National Children's Science Congress (2012)

Gold (KVS National)

### KVS Regional Sports meet (Basketball Boys) (2014)

Bronze medal KVS Bengaluru Region

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

## INTERESTS

Aero Modelling

Basketball

Robotics