

## Chinmay Kumar Nayak

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Blog: - <https://cicada.hashnode.dev/>

### EXPERIENCE SUMMARY

- Experience in Python and PowerShell scripting.
- Good working understanding of devops tools including CloudBolt, Bamboo, VRO, Ansible.
- Working experience on serverless app development using AWS Lambda and Python3.
- Hands on experience on development and production code deployment using GHA.
- Hands on experience with PowerBI reporting tool.
- Over 4.5 years of experience as MSSQL Database Administrator.
- Familiarity with developing Machine learning based automation processes.
- Familiarity with basic data analytics using jupyter ipython, pandas.
- Basic knowledge on developing NodeJS based REST APIs and deployments.
- Familiarity with app containerisation using Kubernetes container orchestration.
- Hands on experience on IAC development using Terraform.
- Good communication, presentation, and interpersonal skills.

### ACADEMICS

- B.Tech in Electronics & Telecommunication Engg from KIIT University Bhubaneswar, 2012
- Diploma in Electronics & Telecommunication Engg from Kalinga Polytechnic, 2019
- HSC from Paradip Port Trust High School, 2006

### TECHNICAL SUMMARY

SKILLS	OS/Languages/Tools/Frameworks
Operating System	Windows, Linux
Database	MSSQL, RDS PostgreSQL, DynamoDB
Machine Learning	Pandas, scikit-learn, Keras, Jupyter
Programming	Python, NodeJS
Scripting	PowerShell, Shell
IAC	Terraform, Serverless
DevOps Tools	vRO, CloudBolt, GitHub, GHA, Ansible AWX
Cloud	AWS
Others	BigPanda, Snowflake, Remedy, PowerBI

### ML PROJECTS: -

- JIRA ticket story point prediction
- LSTM based model for VM Resource consumption forecasting & Anomaly Detection
- Application log anomaly detection & Root cause recommendation using DBSCAN Clustering

## **CERTIFICATIONS**

- AWS certified AI Practitioner
- AWS certified Solution Architect
- Database: - 70-432, 70-764 & 70-765
- ITIL V3

## **WORK HISTORY**

Organisation	From	To
Cognizant	October 2015	Till date
TCS	August 2012	September 2015

## **WORK EXPERIENCES**

### **Company: TATA CONSULTANCY SERVICES (2012-2015)**

Client: - NIELSEN

Nielsen is a leading global information and measurement company that enables companies to understand consumers and consumer behaviour.

#### **Responsibilities: -**

- End to end management of over 10K SQL server's environment starting versions from 2000 to 2014.
- Development of automated system maintenance tasks such as database backup, integrity verification, replication verification, and indexing updates & patch management.

### **Company: COGNIZANT TECHNOLOGY SOLUTIONS (2015-Present)**

Client-1: - LIBERTY MUTUAL INSURANCE (2015-2023)

Liberty Mutual Insurance is an American diversified global insurer and the fourth-largest property and casualty insurer in the United States

#### **Responsibilities: -**

- Lead the SQL database team which manages around 4K+ SQL servers starting versions from 2005 to 2014.
- Lead the offshore automation team whose primary focus was identification of manual tasks across the organisation and automate them.
- Building Automation platforms for various departments to run their remediation solutions.
- Provided training and guidance to team members on tools, languages & automations.

Client-2: - TOYOTA MOTORS NORTH AMERICA (2023-present)

TMNA is the operating subsidiary that oversees all operations of the Toyota Motor Corporation in Canada, Mexico, and the United States.

### Project-1: TOMS - VVCON API Migration (Dec 2024-July 2024)

Migration & Modernization of Validate Vehicle Configuration (VVCON) API services from On Prem to AWS cloud.

#### **Responsibilities: -**

- Leading the team of 6 members responsible for creating a cloud-based solution for Toyota order management system for Toyota's future consumers.
- Converting the Java based on Prem legacy system into modern Python based serverless application.
- Engage actively in software development tasks, including the design, coding, testing, debugging, and implementation of complex software solutions.
- Responsible for team management, product architecture development and interactions with stake holders.

### Project-2: TMNA Data Governance CCPA Development (July 2024)

Building a brand new inhouse privacy application called Spartan for consumers that will replace third party application.

#### **Responsibilities: -**

- Developing the entire backend systems for all Privacy form processing by TIPS (Toyota Integrated Private Ecosystem)
- Setting up necessary AWS infrastructure to support the backend system.
- Work with front end developer for new form integration.

### PERSONAL INTERESTS

- Reading & writing tech blogs and listening to podcasts on fields of technology leaderships and human development.
- Reading books & exploring Stoicism.

### PERSONAL DETAILS

**Name: -** Chinmay Kumar Nayak  
**Dob: -** 16th January 1991  
**Nationality: -** Indian  
**Marital Status: -** Single  
**Gender: -** Male  
**Human Languages: -** Odia, English, Hindi  
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**DECLARATION:** I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.