

# Kunal Abhishek

Application Development Analyst, Accenture

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## Professional Summary

Highly analytical IT professional with 2.5+ years of experience in site reliability engineering, data analysis and machine learning with solid understanding of mathematics. Seeking an opportunity to utilise my skills to help in both technical and business perspective, ensured by effective and appreciated stakeholder management and business requirement understanding and implementations and contributing greatly towards the business growth.

## Education

### Madhav Institute of Technology and Science

B.E. in Civil Engineering

Gwalior, India

May 2016 - May 2020

- Secured top position in branch with 9.12 CGPA

### Vidya Jyoti School, Bhatubigha

Class X (CBSE)

Nalanda, India

Apr 2012 - Apr 2013

- Secured top position in class with 10 CGPA

## Work Experience

### Accenture

Noida, India

Application Development Analyst,

Dec 2020 - Till now

- OVO ENERGY UK
- Created and presented multiple powerbi and excel dashboard to client to show business insight with sales and customer data.
- Analysed big data with help of exhaustive EDA and excel and deployed ML model to predict sales and defects which reduces 40 percentage cost.
- Provided KT to 6 member team which i lead for release management and created atlassian confluence page for process details for devops and tech arch team.
- Developed automated code for building 20 + pipelines, manual jobs, kubernetes clusters and cloud infrastructure and monitored which reduce time by 40 percentage.
- Removed 40 + redundant servers and consolidated db which lower 32 percentage cost.
- Automated app and db security patching process with shell scripting ensuring zero downtime and high availability of servers.
- Automated manual jobs and build deployment pipeline with help of Jenkins and monitored it.
- Resolved incidents, defects for environment configuration, database management and supported deployment in production deliveries.
- Upgraded SGG, MDM apps with Weblogic administration configurational changes from 11g to 12c and troubleshoot services with thread dumps.
- worked as system and database administrator and monitored cpu, disk utilisation.
- Business Communication and Status Reported with Clients.

## Personal Projects

### Festival Sales Analysis

India

EDA Apr 2022

- The aim of the project was to analysis sales from dataset with 12251 rows and 15 columns.
- Performed data cleaning and EDA using pandas and data visualisation using matplotlib and seaborn libraries
- Improved customer experience and seller experience by identifying potential customers across different states, occupation, gender and age groups. itemImproved sales by identifying most selling products and its categories which can help to plan inventory and meet demands.
- Technical Skills:** Python, EDA.
- Soft Skills:** Presentation skills, Report writing, Logical thinking.

### Global Superstore

India

PowerBi Dashboard March 2022

- The aim of the project was to analysis sales from dataset with 51291 rows and 24 columns
- Performed data cleaning, preprocessing and writing dax functions to analysed storedata.
- Identified key factors for profit and best product and top 10 countries which can lead sales.
- Technical Skills:** PowerBi, DAX, Excel.
- Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

## Movie Recommendation System

India

### Machine Learning

April 2022

- Created a movie recommendation system using collaborative filtering by cosine similarity metrics.
- Handled the cold start problem with content review based filtering for new suggestions using cosine similarity metrics.
- **Technical Skills:** Machine learning, Web App
- **Soft Skills:** Logical Thinking, Critical Thinking.

## Customer Segmentation of supermarket

India

### Machine Learning

April 2022

- Created a customer segmentation machine learning model based on k- means clustering method which can suggest the customers spending habits with income.
- Used WCSS and elbow graph to get cluster and plotted graph to show potential customers to increase sales.
- **Technical Skills:** Machine learning, Python Libraries
- **Soft Skills:** Logical Thinking, Critical Thinking.

## Zomato Customer Case Study

India

### SQL

April 2022

- Performed zomato customer case studies for gold and non gold membership.
- Imported data to mysql and got insight about different key factors like popular food item, target customers for new service, satisfaction of customer post gold membership, etc.
- **Technical Skills:** SQL, Rank Function, Window Functions
- **Soft Skills:** Logical Thinking, Critical Thinking.

## Skills

<b>Programming</b>	Shell scripting, SQL, Python (Pandas, NumPy, Scikit-learn, Matplotlib, seaborn, sklearn,)
<b>Web app, Servers</b>	Weblogic, Apache Tomcat, JIRA, IBM HTTPS
<b>Soft Skills</b>	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.
<b>Data visual</b>	Microsoft PowerBi, Excel, Tableau, EDA
<b>Cloud Skills</b>	AWS, OCI, Azure
<b>Database</b>	SQL, MySQL, PostgreSQL
<b>Miscellaneous</b>	Nexus, Jenkins, Git, Github, Bit bucket, Clear case, IBM Clear Quest IWS, Docker, Ansible, Atlassian Confluence, Kubernetes, PySpark

## Achievements

2022	<b>Accenture</b> , Promoted to Application Development Analyst after passing Tech leap exam within 1.5 years	India
2020	<b>Gold</b> , B.E in Civil Engineering	India
2019	<b>Gold</b> , Electronics Waste Management Nptel Exam from IIT KGP	India
2016	<b>Exam Qualified</b> , Secured rank in top 5 percentile in Jee mains among 15 lakhs candidates, 4169 rank in Wbjee, 3198 rank in KIITEE and Got FFE scholarship in BE from Oracle	India
2013	<b>Gold</b> , Awarded by gold medal and certificate from Prabhat Khabar for 10 cgpa in class x	India

## Winter/Summer Training

### CPWD

Dec 2018 to Aug 2019

Construction of 314 nos .GPRA Quarters ( G+10) at Digha Patna, CPWD PATNA. For 8 months I interned under CPWD Govt. of India in constructing officers quarter which is 314 in nos. I was in quality and quantity estimation with ensuring safety parameters

## Interests

<b>Cooking</b>	I love cooking. I am expert in Indian and Chinese cuisine.
<b>Poetry</b>	I write poetry in free time
<b>Art</b>	I have always enjoyed drawing since I was a child. Recently, I have shifted to digital art and video editing .
<b>Sports</b>	I like cricket and chess

## Relevant Courses

<b>SRE</b>	Git, Jenkins, Linux, Networking, Cloud technology, Automation
<b>DS</b>	Statistics, Linear Algebra, DSA, ML, NLP, Deep Learning, EDA
<b>Others</b>	Sustainable development, Electronics Waste Management, Microeconomics

## Certifications

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March 23	<b>Coursera</b> , Google Data Analytics Professional Certification	India
April 22	<b>Accenture</b> , Certified Automation Engineer Practitioner	India
April 22	<b>Accenture</b> , Certified Automation Engineer Specialist in AI/ML	India
April 22	<b>Accenture</b> , Certified Automation Full stack Engineer	India
April 22	<b>Oracle</b> , Oracle Autonomous DB Cloud 2021 Certified Specialist	India
Feb 22	<b>Oracle</b> , Oracle Cloud Infrastructure 2021 Certified Architect Associate	India
Jan 22	<b>Oracle</b> , Oracle Cloud Infrastructure Foundation 2021 Certified Associate	India
Dec 21	<b>Accenture</b> , Retail Utilities Foundation Learning	India

## Languages

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<b>English</b>	Professional Proficiency
<b>Hindi</b>	Native proficiency