

PRINCE BUTANI

International Institute of Information Technology, Bangalore

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Education

International Institute of Information Technology, Bangalore

August 2022 – July 2025

Masters of Science by Research, Data Science

3.4/4.0

Visvesvaraya Technological University (VTU)

August 2017 – August 2021

Bachelor of Engineering, Aeronautical Engineering

8.49/10

Shakti Higher Secondary School, Gujarat

May 2015 – May 2017

Higher Secondary Education

Percentage: 82

Experience

Accenture Solutions

July 2021 – October 2021

Associate Application Developer

Bangalore, Karnataka

- Developed applications on Salesforce and Vlocity platform by creating unit test cases, executed unit and component integration tests.
- Documented solutions, program logic, procedures, deployment instructions and technical recovery plans ensuring transition to functional support.

Projects

Image Captioning | *PyTorch, CNN, LSTM*

- Designed and implemented an image captioning system with a CNN-LSTM architecture in PyTorch.
- Implemented a baseline model with vision and word embeddings in the LSTM.
- Evaluated the models using BLEU and METEOR scores, showcasing improved performance in the modified system compared to the baseline.

End to end Chicken Disease Classification | *MLOps, Docker, CI/CD Deployment, AWS, Azure*

- Incorporated a comprehensive logging, utils, and exception module for efficient development.
- Developed a robust training pipeline and integrated Data Version Control(DVC) as an MLOps tool for tracking and implementing the prediction pipeline, alongside creating a user app.
- Ensured seamless deployment using Docker and established a continuous integration/continuous deployment (CI/CD) process on both AWS and Azure.

Correlates of War Visualization | *Tableau, Plotly*

- Developed a data pipeline, encompassing data cleaning, visualization and generating Dashboard in Tableau. Generated compelling visualizations, including packed bubbles, map visualizations, and pie-charts overlaid on maps, to distill meaningful insights.
- Created interactive visualizations like Sunburst, Treemap, Node-link diagram using python libraries like Plotly.
- Curated data stories from the visualizations of tableau and plotly for impactful data representation.

Technical Skills

Languages: Python, SQL, LaTeX

Technologies/Frameworks: Git, Pandas, Matplotlib, Scikit-Learn, PyTorch, TensorFlow, Docker, Tableau, AWS, Azure, AGI STK, CATIA, Ansys

Relevant Coursework

- Data Structures and Algorithm
- Machine Learning
- Geographical Information System
- Visual Recognition
- Data Visualization
- Spatial Computing

Leadership / Extracurricular

Placement Committee

August 2023 – Present

Member

IIT Bangalore

- Facilitating the smooth conduction of the On Campus Internship and Placement Drive by handling recruiters and organizing interviews.

NCC Cadet

August 2012 – August 2014

Sergeant

Gujarat

- Attended various camps like Army attachment camp (AAC) and National Integration Camp (NIC) organised by NCC and Army.
- I was responsible for maintaining discipline and order among the cadets, and ensuring that they follow the rules and regulations during drill and weapons training.

Event Coordinator

February 2023

Member

IIT Bangalore

- I was member of college fest discipline team during annual college fest. Ensured smooth operations of events during the fest and helped other teams as well.