

DHRUV JHANG

Cloud Engineer | Data Analytics and Product Management Enthusiast

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CAREER SUMMARY

Results-driven Associate Software Engineer with experience in product development, data analysis, and user-centric problem-solving. Skilled in Python, SQL, and Cloud Services, with a strong foundation in software engineering, analytics, and product thinking gained through roles at Accenture and Cognizant.

WORK EXPERIENCE

Accenture

Associate Software Engineer | August, 2025 - Present

- Undergoing specialized training in Data Centre Operations, focusing on Windows Server Administration and Cloud Infrastructure Management (Azure & AWS).
- Gaining hands-on experience with virtualization, cloud deployment, and server monitoring tools, ensuring high system uptime and scalability.

Cognizant

Programmer Analyst Trainee Intern | May, 2025 - August, 2025

- Built and deployed web modules using the ASP.NET MVC framework, improving backend performance and front-end responsiveness by 20% during testing.
- Served as Class Representative (CR) for a batch of 60+ interns, ensuring smooth coordination between mentors, trainees, and project teams.
- Led a 5-member team to design and present "Easy Housing Solutions", a property management platform that reduced search time for listings by 30% through improved UI and database optimization.

RELEVANT PROJECTS

Number Plate Recognition System

Machine Learning, OpenCV, YOLOv3, Python

- Implemented K-Nearest Neighbors (KNN) for character recognition, reducing misclassification by 15% through optimized feature extraction.
- Processed and annotated over 1,000+ images to train and validate the model for real-world performance.

Knee Osteoarthritis Detection and Severity Prediction

TensorFlow, Keras, Random Forest, Python

- Built a deep learning pipeline for detecting and classifying knee osteoarthritis severity from X-ray images with 87% model accuracy.
- Utilized Convolutional Neural Networks (CNNs) for automated feature extraction and Random Forest for refining severity predictions.

Stock Market Application : Stock X

UI/UX Design, Product Strategy, Figma, Competitive Analysis

- Designed a stock analysis app prototype for a 24-hour Design Hackathon, securing Runners-Up position among 10+ teams.
- Conducted user research and competitor analysis to identify key user pain points and define product requirements.
- Created wireframes, personas, and user journey maps using Figma to enhance usability and visual flow.
- Collaborated cross-functionally with designers and mentors to deliver a data-driven product case study in under 24 hours.

Lok Sabha Election Analysis

Beautiful Soup, Microsoft Power BI

- Collected and analyzed 10,000+ election records using web scraping with BeautifulSoup and data cleaning with Pandas.
- Built interactive dashboards in Power BI to visualize voter turnout, candidate performance, and party trends.
- Delivered actionable insights revealing key correlations between demographic data and voting patterns.

EDUCATION

SRM Institute of Science and Technology
Bachelor of Computer Science - Big Data Analytics (8.85)
Delhi Public School, Sushant Lok
Class 10 (92.6%) | Class 12 (88%)

SKILLS

C++ (Proficient), C#, Python, HTML, CSS, MySQL, SQL Server, PostgreSQL, Windows Server, Azure, AWS, NLP, Standard ML Algorithms (Regression, Classification, Clustering), NumPy, Pandas, Matplotlib, OpenCV, YOLOv3, VS Code, Git, Figma, Notion, MS Excel, Microsoft Power BI

VOLUNTEERING

Google Developer Student Club Lead
Tech Vayuna Tech Lead
OG Club (VentureVerse) Organizer/ Designer
Madrasters Community

CERTIFICATIONS

Artificial Intelligence and Machine Learning
Skillsoft
Generative AI APIs for Practical Applications
Skillsoft