

(669) 243-1540 | [aashish@horizon.csueastbay.edu](mailto:aashish@horizon.csueastbay.edu) **Ashish** <https://linkedin.com/in/ashish-ashish>

## Technical Skills

- Languages: R,Rstudio,PostgreSQL,SQL, MongoDB,Python, C++, Java, JavaScript, HTML5, CSS.
- Machine Learning: Supervised Learning, Unsupervised Learning, Reinforcement Learning.
- NLP Technologies: Language Models, Semantic Parsing, Natural Language Generation.
- Frameworks: PyTorch, TensorFlow.
- Data Visualization: IBM Cognos Analytics, Matplotlib, Seaborn.

## Education & Certifications

- Master's in Statistics (Data Science Concentration):Cal State University East Bay, Hayward | June 2026
- Post-Grad Diploma in Wireless Information Networking:Fleming College, Peterborough | June 2019
- B.Tech. Electronics & Communication Engineering:Punjab Technical University, India | June 2016
  - **Certifications:**
    - IBM Data Analyst Professional Certificate (Credential ID CY4T5KD2JCB6, Mar 2024),
    - Microsoft Azure AI Fundamentals (Credential ID 87531297407D048F, Feb 2024),
    - CCNA (Routing & Switching) (Credential ID PEEL9DRL9DEQQT9F, Feb 2022),
    - Junior Data Analyst Professional Certificate(NPower Canada : [Link](#), April 2024)

## Work Experience

- **Junior Data Analyst Professional Program** NPower Canada | Vancouver, BC | Jan 2024 – Apr 2024
  - Data manipulation skills through Excel for data wrangling and mining, and developed proficiency in Python using Pandas and NumPy for data analysis.
  - Executed a capstone project involving data collection, exploratory data analysis, and statistical analysis using Python libraries, including Matplotlib and Seaborn for visualizations.
  - Built interactive dashboards with IBM Cognos Analytics and Excel, and composed SQL queries in Jupyter Notebook for cloud database access.
  - Gained insights into cloud computing concepts and Azure architecture, effectively managing Azure spending and applying best practices to minimize costs.
- **Technical Support Representative** Nordia Inc. | Peterborough, ON | March 2020 – June 2023
  - DSpearheaded efficient Layer 2 troubleshooting, enhancing service quality by optimizing SNR on Copper, ensuring seamless connectivity for customers
  - • Pioneered comprehensive Fiber attenuation loss assessments from Central office to client locations, resulting in improved network performance and reduced downtime
  - • Elevated troubleshooting methodologies for a diverse range of devices including Residential Gateways,
- **IT Faculty** Information Point Society | Punjab, India | July 2016 - July 2017
  - Equipped students with proficiency in programming languages such as Java, Python, and C++.
  - Revamped course modules to integrate real-world applications, ensuring students gained a practical understanding of programming concepts and familiarity with industry-standard tools.
  - Provided tailored mentorship, guiding students on utilizing tools like Git, SQL, and IDEs effectively.

## Projects

- **Data Analysis Project: Hypothesis Testing:** [Link](#)
  - Conducted a comprehensive data analysis project utilizing R and R Markdown, focusing on hypothesis testing to derive insights from data.
  - Performed data exploration and statistical analysis to identify trends and patterns.
  - Documented findings and methodologies in a well-structured R Markdown report.
- **IBM Data Analyst Capstone Projects:** [Link](#)
  - Conducted a comprehensive analysis of programming language and database trends using data from the 2019 Stack Overflow Developer Survey.
  - Utilized the yfinance library to extract stock data for Tesla and GameStop, effectively creating comprehensive financial datasets for analysis.
  - Conducted data analysis on a comprehensive housing dataset from King County using pandas and seaborn to predict market prices based on key features including square footage and number of bedrooms.