

VISHAL PHAUGAT

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EMPLOYMENT

Zking Institute of IT & Management

Instructor/Lead Engineer · Nov. 2017 to Jan. 2020

- Led a team of 6 software programmers and developed customized cloud-based software for 150+ local businesses in the NCR (National Capital Region) area for order management and PoS (Point of Sales) systems, capable of handling multi-mode payment systems with security encryption.
- Technologies used : AWS , PyCharm , PHP , SQLite.

Zomato Pvt. Ltd.

Associate (Order and Device Management) · Oct. 2016 to Sept. 2017 · Gurugram

- Developed an event driven go based micro-service for real time interaction with service engineering team. Reduced online order resolution time by 20% by faster data retrieval with improved search algorithms and advanced database views.
- Data analysis and reporting to ensure optimal response time and reduce escalations for online orders using SQL and MS Excel.
- Provided technical requirements to the service engineering team for client issues.

Team Engineers Advance Technologies India Pvt. Ltd.

Internship · Jan. 2016 to June 2016 · New Delhi

- Provided backup, reliability, reduced redundancy to the user in live network using 3-tier infrastructure of networking, Cisco L2 switches, and switch configuration.

EDUCATION

Rochester Institute of Technology · Jan. 2021 to Current

Masters Computer Science 2022

Dronacharya Institute of Technology , Gurugram · July 2012 to May 2016

Bachelors in Technology Electronics and communication 2016

SKILLS

LANGUAGES: java, python, sql, C

TOOLS/ LIBRARIES: Numpy, Scikit-Learn, Matplotlib, Seaborn, jupyter notebook, Beautiful soup

PROJECTS

Crime data analysis of New York city (guide : Dr Rajinder Raj, RIT)

- Detected seasonal pattern in crime and forecasting criminal incidents using MySQL database and Jupyter Notebook.
- Predicted future crime rate using ARIMAX model.
- Anticipated the crime based on spatial and temporal data using regression techniques like Random forest and KNN.

Recommender System for Movies(Big Data)

- Model-Based Collaborative filtering was implemented for recommendation.
- Singular value decomposition (SVD) and Memory-Based CF by computing cosine similarity were used to implement the model.

Loan Fraud Detection

- Decision Trees and Random Forest algorithms were used. Predicted the fraud values with 81% precision.

Paper "Future of Mobile Broadband Technology Wimax and LTE", IJIRT

Nov. 2014

Paper "Carbon Nanotube and its Applications :A Review", IJIRT

ACTIVITIES

National level Tennis champion; won and participated in various state and national level tennis championships.