Nitish Chopra
Software Developer

nitishchopranc.nc@gmail.com ✉

+91-9780118944 📱

linkedin.com/in/nchopra96 in

Having 2.5+ years of experience as a Software Developer with experience in multifaceted roles requiring project management, business development, and solutions architecture. Skilled in the areas of Big Data analytics, Spark and MySQL. Having interest in designing large scale distributed systems.

WORK EXPERIENCE

Systems Engineer
Tata Consultancy Services

06/2019 - Present   *Chennai,India*

Achievements/Tasks

- Developed a **near real time security orchestration pipeline** that helps in detecting external malicious sources from firewall traffic in **less than 1 min** by using our own **IP Reputation solution** with **streaming** technology.
- Developed project features using **OOPs (object-oriented concepts)** and **design pattern** which adhered to proper guidelines and **algorithmic techniques**.
- Responsible for reducing manual steps by **90 percent** by developing an **interactive dashboard** which displays **security indicators** based on the given data using python.
- **User Behavior Analytics** using layered data analysis approach through ingestion, analytics and created a dashboard displaying the **key risk Indicators** and alarming mechanisms.
- Developed a **Spark streaming pipeline** to ingest Firewall data and display security metrics in a **real time dashboard** using **Plotly Dash**.
- Experienced with Software Development frameworks such as **Scrum, Agile** and responsible for handling daily scrum in my team.
- Developed a dashboard to **identify log source** and display their corresponding indicators.
- Developed a framework to **detect log anomalies** by **Spark batch processing** of various log data ingested from different sources.
- Actively participated in sprint review demos of the project and deliverables helped in revenue generation for organization.

Intern
Tata Consultancy Services

01/2019 - 04/2019   *Chennai,India*

Achievements/Tasks

- Write, analyze, review, and rewrite programs, using workflow chart and diagram related to **security tools**.
- Applied knowledge of computer capabilities, subject matter, and symbolic logic in understanding different security related attacks and vulnerabilities.
- Researched about various **security related tools** corresponding to various **security related risks**.

EDUCATION

B.Tech in Computer Science and Engineering
Guru Nanak Dev University

08/2015 - 04/2019   *9.1 CGPA*

SKILLS

Skill	Level
Python	●●●●●
Data Structures and Algorithms	●●●●○
Object Oriented Concepts	●●●●○
Hadoop	●●●●○
Spark	●●●●○
MySQL	●●●●○
Database Management System	●●●●○
Google Cloud Platform	●●●○○
Linux	●●●○○
Kafka	●●○○○

CODING PROFILES/ ACHIEVEMENTS

Achieved 2.5 stars on Leetcode for solving problems and solved 300+ problems
https://leetcode.com/NChopra/

Achieved 5 star Golden Badge in HackerRank for SQL and Problem Solving.
https://www.hackerrank.com/nitishchopra34

Solved 100+ problems on Geeks For Geeks
https://auth.geeksforgeeks.org/user/nitishchoprancnc/profile

Represented India in Global Finals of Huawei ICT Skill Competition held at Shenzhen, China
I secured 3rd rank in the finals of Huawei ICT Skill Competition 2017-18 thus I got the chance to represent India at the Global Finals

Innovation pride award
Awarded with Innovation Pride award for outstanding contribution to the organisation.

CERTIFICATIONS

Google Cloud certified Professional Data Engineer (06/2021 - 06/2023)
Certification ID: fkzeRS

Huawei Certified Network Associate - Routing and Switching (11/2019 - 11/2021)
Certificate no. - 010100101393807258691441