

YUVAJ SINGH CHAUHAN

ASSOCIATE TECHNICAL ENGINEER | AI/ML ENTHUSIAST

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SUMMARY

Network and security professional with hands-on experience in firewall administration across **Check Point, Palo Alto NGFW, FortiGate, Palo Alto Prisma Access, Cisco Meraki** and **Juniper vSRX** environments. Knowledge of **Python** along with exposure to **Machine Learning** and **Deep Learning** concepts for automation and data analysis use cases. Currently working as an **Associate Technical Engineer** at Kyndryl, supporting enterprise network security operations while continuing to build expertise in **AI/ML** and **Network Security technologies**.

SKILLS

- **Security Tools:** Check Point, Palo Alto, NGFW, Fortigate, Juniper vSRX
- **Programming:** Python (Advanced), HTML/CSS
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn
- **Machine Learning:** Scikit-learn, TensorFlow, Keras, CNN, NLP

EDUCATION

B.Tech in Computer Science and Engineering Amity University, Noida	2019-2023 CGPA: 8.59
Intermediate Yuvashakti Model School, Delhi	2017 – 2018 80.8%
High School Yuvashakti Model School, Delhi	2015-2016 CGPA: 9.2

PROFESSIONAL EXPERIENCE

Associate Technical Engineer | Kyndryl Solutions Pvt. Ltd. Aug 2023 – Present

- **Firewall Management & Access Administration**
 - Administered and maintained **5+** enterprise firewall platforms including Palo Alto, FortiGate, Check Point, Juniper vSRX, and Vyatta, executing configuration updates and policy modifications supporting **100+** clients.
- **Monitoring, Troubleshooting & Incident Support**
 - Performed Level-1 network security troubleshooting, resolving **10-15** connectivity incidents per week, improving issue resolution time and maintaining SLA compliance.
 - Analyzed firewall logs and traffic flows to detect anomalies and misconfigurations, contributing to faster RCA and reducing recurring access issues by **~10-15%**.
- **Compliance and Configuration Check**
 - Executed firewall changes during maintenance windows with **zero critical failures**.
 - Assisted in **quarterly audits** and rulebase compliance reviews.
- **Automation and Process Improvement**
 - Automated repetitive operational tasks using scripts and tool-based workflows (object lookups, policy reviews, log analysis), reducing manual effort by **20-25%** and improving operational efficiency.

University Recommendation System (Backup Team Lead)

- **Machine Learning Pipeline Development:**
 - Built a content-based recommendation engine (**Python, Pandas, NLP**) to suggest universities using student profiles, improving match.
 - **Optimized performance** by testing algorithms on a dataset of 10,000+ entries.
 - Worked as the Team Lead to integrate the model. Documented workflows and trained end-users, ensuring smooth adoption.

PROJECTS

Traffic Sign Detection for Smart Vehicles (Deep Learning) 03/2023 – 08/2023

- Classification and Detection of Traffic Signs using CNN architectures which will be used by the vehicles with inbuilt ADAS feature to reduce the risk of accidents in India

Zomato Success Prediction (Machine Learning) 01/2022 – 03/2022

- Made a ML model which predicts the future success of zomato restaurant located in Bangalore based on the customer reviews and calculated the accuracies using various algorithms.

CERTIFICATIONS

- [Check Point Certified Security Administrator R82](#) 02/2026 - 02/2028
- [AWS Certified Cloud Practitioner](#) 01/2026 - 01/2029
- [AWS Certified AI Practitioner](#) 01/2026 - 01/2029
- [Microsoft Certified: Azure Network Engineer Associate](#) 07/2025 - 07/2027
- [Microsoft Certified: Azure Fundamentals](#) 12/2023 - Present
- [IBM Professional Machine Learning Certificate](#) 03/2022 - Present

LANGUAGES

- **English** (Professional Proficiency)
- **Hindi** (Native)
- **French** (Basic)