

Prateek Yadav

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EDUCATION

Universität des Saarlandes <i>Master of Science - Computer Science - Visiting Student</i>	Saarbrücken, Germany 2024 – 2026
RPTU Kaiserslautern-Landau <i>Master of Science - Computer Science (Double Specialization: AI/ML & Information Security)</i>	Kaiserslautern, Germany 2022 – 2026
UIET MDU Rohtak <i>B.Tech., Computer Science & Engineering (Grade: A+)</i>	Rohtak, India 2017 – 2021

EXPERIENCE

Machine Learning Intern <i>University of Kerala, Dept. of Computational Biology & Bioinformatics</i>	Mar 2022 – Apr 2022 Kerala, India
<ul style="list-style-type: none">Built ML experiments for biological datasets, including data cleaning, feature engineering, and model evaluationStreamlined preprocessing steps and experiment tracking to support reproducible research results	
Computer Forensic Analyst <i>Feather's Group Pvt. Ltd.</i>	Jan 2022 – Apr 2022 Gurugram, India
<ul style="list-style-type: none">Performed evidence acquisition, integrity verification, and artifact analysis for investigative reportsApplied open-source forensic toolchains to identify indicators of compromise and establish timelinesSpecialized in system administration, penetration testing, and digital forensics	
Penetration Tester <i>Virtually Testing Foundation</i>	Oct 2021 – Dec 2021 Remote
<ul style="list-style-type: none">Executed vulnerability assessments and exploitation in lab environmentsPrepared remediation guidance aligned with industry best practices and security frameworksFocused on vulnerability assessment and penetration testing methodologies	

CERTIFICATIONS & ACHIEVEMENTS

VTF Member <i>Virtually Testing Foundation</i>	Issued Apr 2022
<ul style="list-style-type: none">Professional member certification for ethical hacking and penetration testing expertise	
IPv6 Practitioner <i>Hurricane Electric</i>	Issued Feb 2022
<ul style="list-style-type: none">Certification demonstrating proficiency in IPv6 networking protocols and implementation	
IELTS Score: 7.5 (CEFR - C1) <i>British Council</i>	Jan 2022
<ul style="list-style-type: none">English language proficiency certification for international academic and professional contexts	

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Bash
Cybersecurity Tools: Nmap, Wireshark, Burp Suite, Metasploit, Autopsy, Sleuth Kit
Machine Learning: scikit-learn, NumPy, pandas, Jupyter, TensorFlow
Cloud Platforms: Google Cloud Platform (GCP), Amazon Web Services (AWS), Oracle Cloud Infrastructure (OCI)
Systems & Tools: Linux/Windows administration, Docker, Git, SIEM tools
Security Specializations: Vulnerability assessment, penetration testing, digital forensics, incident response, threat modeling

LANGUAGES

Hindi: Native
English: Full professional proficiency (C1-C2)
German: Limited working proficiency (A1-A2)