

# Prateek Yadav

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## EDUCATION

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

## EXPERIENCE

<b>Machine Learning Intern</b> <i>University of Kerala, Dept. of Computational Biology &amp; Bioinformatics</i>	Mar 2022 – Apr 2022 Kerala, India
<b>Computer Forensic Analyst</b> <i>Feather's Group Pvt. Ltd.</i>	Jan 2022 – Apr 2022 Gurugram, India
<b>Penetration Tester</b> <i>Virtually Testing Foundation</i>	Oct 2021 – Dec 2021 Remote

- Built ML experiments for biological datasets, including data cleaning, feature engineering, and model evaluation
- Streamlined preprocessing steps and experiment tracking to support reproducible research results

- Performed evidence acquisition, integrity verification, and artifact analysis for investigative reports
- Applied open-source forensic toolchains to identify indicators of compromise and establish timelines
- Specialized in system administration, penetration testing, and digital forensics

## CERTIFICATIONS & ACHIEVEMENTS

<b>VTF Member</b> <i>Virtually Testing Foundation</i>	Issued Apr 2022
<b>IPv6 Practitioner</b> <i>Hurricane Electric</i>	Issued Feb 2022
<b>IELTS Score: 7.5 (CEFR - C1)</b> <i>British Council</i>	Jan 2022

- Professional member certification for ethical hacking and penetration testing expertise

- Certification demonstrating proficiency in IPv6 networking protocols and implementation

- English language proficiency certification for international academic and professional contexts

## TECHNICAL SKILLS

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

## LANGUAGES

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