

HARTEJ LEHAL

Mississauga, Ontario, CA | +1 (647) 515-3320 | tej.lehal.sec@gmail.com

github.com/hplehal | in/hartejlehal | tejlehal.com

PROFESSIONAL SUMMARY

Security focused Computer Science graduate with 6+ years of development experience and a strong foundation in building secure, scalable web applications. Completed graduate certification in Cybersecurity & Artificial Intelligence at Humber Polytechnic, with hands-on experience in intrusion detection, digital forensics, network security auditing, and machine learning-based threat classification. Passionate about bridging development expertise with security knowledge to build more resilient systems.

SKILLS

Programming Languages: JavaScript, TypeScript, Python, PHP, HTML5, CSS, Java

Front-End Frameworks & Libraries: React, Redux, Redux-Saga, Next.js, Angular, React Testing Library, OpenLayers

Back-End & CMS: Django, Node.js, Prisma ORM, WordPress, WooCommerce

DevOps & Infrastructure: Git, Docker, Proxmox, Webpack, TravisCI, Vercel, Babel, Gulp

Security & Compliance: Splunk, Wazuh, Wireshark, Nmap, Okta, FTK Imager, Autopsy, Cisco Packet Tracer, NIST CSF 2.0, ISACA ITAF, PCI DSS, PIPEDA

WORK EXPERIENCE

Founder & Co-Owner, Tito's Courts

Nov 2023 – Present

- Architected and deployed the organization's full-stack web platform using Next.js, Prisma ORM, and Vercel Postgres, implementing secure data handling for participant registration.
- Designed and enforced operational procedures, documentation standards, and data governance practices across the organization's digital infrastructure, including a Notion-based operation system.
- Built a real-time tournament management system with role-based admin controls, secure score entry, and a public-facing live viewer, demonstrating secure application design and access control principles

Cybersecurity Scholar, Humber Polytechnic – Graduate

Jan 2025 – Present

- Conducted digital forensic investigations using FTK Imager, Autopsy, and Wireshark, performing evidence acquisition, disk imaging, and network traffic analysis to identify indicators of compromise
- Deployed and configured intrusion detection systems using Splunk and Wazuh Cloud, creating custom detection rules and analyzing security event logs to identify threats in simulated enterprise environments
- Authored an ISACA ITAF-aligned IT security audit report, assessing organizational compliance against established security frameworks and recommending remediation strategies.
- Designed and deployed a multi-VM infrastructure on Proxmox for a resource management capstone project, configuring separate frontend, backend (Django), and database VMs with SSH jump host access controls

Freelance Developer, Self Employed

Dec 2022 – Present

- Build and maintain fully customizable, accessible, and responsive websites using WordPress, WooCommerce, PHP, React, and JavaScript
- Deliver ongoing website management for clients, including monthly updates, performance optimizations, and feature enhancements aligned with their annual growth targets
- Partnered with a UI Designer to redesign a client's website, resulting in a 30% increase in lead generation

Front End Developer, CXApp (formerly Inpixon)

Nov 2020 – Nov 2024

- Led the complete redesign of the company's core CMS platform to align with a major corporate rebrand, delivering a modernized interface that became the primary application used company-wide across all internal teams and external clients

- Architected a comprehensive library of reusable React components adopted across multiple product teams, significantly improving development velocity, enforcing UI consistency, and reducing duplicated code across the organization's application suite
- Built an interactive mapping application using a proprietary mapping SDK, enabling enterprise users to customize SVG layers and shapes for real-time floor plan visualization and space management
- Developed and designed an admin portal using React and Redux to streamline access control request workflows, improving the efficiency of internal permission management processes

Software Developer, Findspace

Jul 2018 – Oct 2019

- Developed a front-end library for rendering interactive visual representations of building floor plans, enabling dynamic space utilization tracking
- Managed and contributed to the core web infrastructure using React, Redux, Redux-Saga, and TravisCI
- Maintained productive cross-functional relationships with customer support and external partner teams

PROJECTS

Tito's Courts Platform | *Next.js, Prisma ORM, Vercel Postgres, Tailwind CSS, Framer Motion*

- Full-stack web platform for a recreational volleyball organization featuring league management, team registration, standings, and scheduling with a dark-mode-first responsive design deployed on Vercel

ML-Based Intrusion Detection System | *Python, Scikit-learn, TensorFlow, Pandas*

- Built and evaluated multiple machine learning classifiers (Random Forest, SVM, RNN/LSTM) on network intrusion datasets to detect and classify malicious traffic patterns, achieving high detection accuracy across multiple attack categories

Digital Forensics Investigation Lab | *FTK Imager, Autopsy, Wireshark*

- Conducted a full forensic investigation including disk imaging, evidence acquisition, malware simulation (EICAR), and network packet analysis to reconstruct attacker activity and document findings

Cybersecurity Capstone | *Proxmox, Django, SSH, Linux*

- Designed and deployed a segmented multi-VM environment on Proxmox hosting a Django web application with separate frontend, backend, and database VMs, secured via SSH jump host access controls

Network Security Audit | *Cisco Packet Tracer, NIST CSF 2.0*

- Performed a comprehensive audit of a simulated enterprise network, identifying vulnerabilities in the topology and producing a remediation report aligned with NIST Cybersecurity Framework 2.0

EDUCATION

Cybersecurity & Artificial Intelligence Graduate Certificate 2025 – 2026

Humber Polytechnic

Web Development Bootcamp Certificate 2020

Juno College of Technology

Bachelor of Science, Computer Science 2013 – 2017

Toronto Metropolitan University