

MUHAMMED PATEL

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🔗 tryhackme.com/p/P47N

Education

Memorial university of Newfoundland

Bachelor of Science in Computer Science

Sep. 2021 – May 2026

St. John's, NL

Technical Skills

Languages: Python, Java, C, HTML/CSS, React, JavaScript, SQL

Cybersecurity Tools: Wireshark, Burpsuite, Metasploit, Nmap, Nessus

Security Concepts: Encryption, Vulnerability Assessment, Penetration Testing, Incident Response, Network Security

Developer Tools: VS Code, Eclipse, Google Cloud Platform, Android Studio

Technologies/Frameworks: Linux, Jenkins, GitHub, JUnit, WordPress

Experience

Burger King

Assistant Manager

Oct. 2021 - Present

St. John's, NL

- Supervising and training staff to maintain high service standards, boosting team performance.
- Managed daily operations, including inventory control, cash handling, and reporting.
- Analyzing sales data in Excel to implement strategies that enhanced customer experience and increased sales.

Concentrix

Technical Support Agent

Jun 2023 – Jun 2024

St. John's, NL

- Guided customers through iOS and macOS system restores, ensuring data preservation and device functionality.
- Diagnosed hardware and software issues, providing clear solutions that minimized device downtime.
- Utilized CRM systems to document and track customer interactions, ensuring accurate case management and follow-up.
- Educated users on best practices for device security and maintenance, reducing future technical problems.

Projects

Vulnerability Scanner | Python, Networking, TCP/IP, Socket Programming

April 2023

- Developed a TCP port scanner using 'socket' library, enabling efficient detection of open ports on target systems.
- Integrated multi-threading to optimize scanning speed, reducing the time required for network assessments.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Ensured the scanner's compatibility with various OS, enhancing its usability across different network environments.

Personal Portfolio Website | React.js, CSS, SCSS

September 2023

- Developed a dynamic personal portfolio website using React.js, showcasing projects and advanced web animations.
- Integrated SVG animations with GSAP in React to enhance visual interactivity.
- Created a functional contact form using EmailJS in React for seamless communication.
- Integrated interactive maps using Leaflet.js to provide location-based functionality.

Extracurricular

MSA

Web Developer

Nov 2021 – Current

St. John's, NL

- Building responsive user interfaces with React, enhancing user engagement and site functionality.
- Implemented server-side logic using Node.js, enabling efficient data processing and secure communication.
- Applied security best practices, including authentication, authorization, and encryption, to protect user data.
- Implemented SSL certification and regular updates, enforcing security protocols to safeguard the website.

MUN IEEE

Capture The Flag (CTF)

March 2023

St. John's, NL

- Achieved second place in a CTF cybersecurity competition, demonstrating strong problem-solving and technical skills.
- Employed cryptographic techniques and reverse engineering to solve challenging security puzzles.
- Utilized advanced tools and methodologies for vulnerability assessment and exploitation in a competitive environment.

Certifications

LFC108: Cybersecurity Essentials - The Linux Foundation

Open-Source Intelligence Using Windows Host - EC Council Learning

Certified Ethical Hacker - Gujarat University, Techlabs