

# Harsh Patel

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## SKILLS

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**Programming Languages:** JavaScript, HTML, CSS, ReactJS, Java, Python, .Net

**Frameworks:** TensorFlow, PyTorch, React Testing Library

**Technologies:** AWS, Virtual Machine Configuration, MongoDB, Event Camera SDKs, NinjaOne, IT Glue

**Specialization:** Network Engineering, Cloud Solutions, Data Encryption, API Development, Endpoint Monitoring, Asset Documentation

**Hardware Skills:** System Troubleshooting, RAM/ROM/HDD Upgrades, Peripheral Device Configuration

## EXPERIENCE

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### TeamLogic IT, Cincinnati, OH

Jul 2025 – Present

#### IT Intern

- Supported the development, installation, and maintenance of software applications across client systems. Assisted in managing identity and access management systems to ensure secure and appropriate access control.
- Contributed to large language model (LLM) development projects by coding, testing, and debugging software. Integrated and troubleshooted APIs to ensure seamless communication between various software systems.
- Engaged in onboarding and technical training to gain proficiency in TeamLogic IT systems and tools.

### Bluegrey Technologies, Vadodara, Gujarat

Jan 2023 – Jul 2023

#### Network Engineer

- Engineered and optimized wireless networks for **50+** clients, enhancing network reliability and reducing downtimes by **30%**.
- Implemented advanced network security protocols using PFSense Firewall and Cisco systems, safeguarding against cyber threats.
- Collaborated with cross-functional teams to resolve connectivity issues, achieving a **15%** improvement in client satisfaction ratings.

### InfoservOps, Vadodara, Gujarat

Aug 2022 – Jan 2023

#### Network Administrator

- Automated network monitoring processes by integrating advanced tools, reducing response times to critical system alerts by **40%** and enhancing operational efficiency across all teams.
- Deployed hybrid cloud solutions integrating AWS with on-premises systems, enhancing infrastructure flexibility and reducing operational costs by **20%**.
- Provided technical support and conducted training sessions for **25+** employees to enhance technical proficiency.

## PROJECTS

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### Vaccination Database Management System

Jul 2022 – Sep 2022

- Developed and deployed robust data privacy protocols in compliance with HIPAA regulations, bolstering patient trust, ensuring secure record storage, and improving accessibility for healthcare providers.

### Scalable Machine Learning Network

Nov 2022 – Jan 2023

- Architected and validated fault-tolerant algorithms, ensuring seamless master-node communication and reliability under high-load conditions.

### Data-Driven Feature Tracking for Aerial Imagery

Aug 2022 – Oct 2022

- Developed and optimized a feature detection model for 3D reconstruction and pose estimation, improving aerial navigation and mapping through event camera data processing.
- Engineered a deep learning model to identify and track features between aerial video frames captured by event cameras, enhancing tracking precision and computational efficiency.

### CSStipendRankings - Stipend Analytics Tool

Feb 2023 – May 2023

- Developed a mobile-friendly web application to rank PhD stipends using dynamic CSV data parsing and filtering techniques.
- Optimized data visualization tools to provide customized views for users, enhancing user satisfaction.

## EDUCATION

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### Saint Louis University, St. Louis, MO

May 2025

*Master of Science in Computer Science*

### Parul University, Vadodara, India

May 2022

*Bachelor of Technology in Information Technology*

## CERTIFICATIONS

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RWF-100 RUCKUS Wireless Fundamentals

The Fundamentals of Digital Marketing (Google Digital Unlocked)

Developing Android Apps with App Inventor (HKUST)

Cyber Security in Manufacturing (SUNY)