



# NISHOWN PRISTON RANGER

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## SUMMARY

Highly motivated engineer with a strong track record of delivering results. Proven team player known for going the extra mile to ensure project success. Confident in my skills and experience as a Software Engineer.

## WORK EXPERIENCE

### Senior Software Engineer, Wipro Limited

Oct 2023 - Present

(Developer in IPsec team under Ericsson account)

- Proficient in networking fundamentals encompassing TCP/IP, IP addressing, routing, and switching protocols.
- Skilled in network traffic analysis and performance monitoring to maintain optimal network functionality.
- Proficiently orchestrated the migration of a network to a modern cloud platform, ensuring seamless transition and enhanced scalability.
- IPsec Protocol Adaptation: Successfully integrated and optimized the IPsec protocol stack in a cloud-based environment, focusing on the deployment and enhancement of IKEv1 and IKEv2 protocol VPNs to ensure robust and secure communication channels.
- Active-Active Tunnel Redundancy: Led the development and implementation of the Active-Active Tunnel Redundancy feature, significantly improving system reliability and availability. This enhancement ensured uninterrupted connectivity and failover capabilities, addressing critical business continuity needs.

### Project Engineer, Wipro Limited

Apr 2022 - Oct 2023

(Developer in IPsec team under Ericsson account)

- Implemented robust testing strategies, increasing test coverage by 50% and reducing regression issues by 70%.
- Served as a technical liaison, resolving 100% of technical inquiries and ensuring customer satisfaction.
- Customer Issue Resolution: Actively involved in resolving critical customer issues. Addressed and resolved complex technical problems to meet urgent deadlines and support client requirements effectively.
- Design and Development of Key Features: Was involved in the design and development of essential features such as "SFT(Signal Flow Test)" for testing IPsec in local setup before adding it to production to identify any break in production.

## EDUCATION

### Bachelor of Technology in Electronics And Instrumentation

Jul 2018 - Aug 2022

Manipal Institute Of Technology

- Gained hands-on experience with sensors, transducers, signal processing, embedded systems, automation, and control systems.
- Familiar with calibration techniques, process control, and data acquisition systems.

## ADDITIONAL INFORMATION

- **Technical Skills:** C++, IPsec, SFT, Networking concepts and protocols, Embedded C, Docker, 5G Core, Cloud Native, Orchestration and Automation, Kubernetes, Packet Core.
- **Languages:** English, Kannada, Hindi.
- **Certifications:** DeepLearning.AI TensorFlow Developer, Industrial IoT on Google Cloud Platform, Hybrid Cloud Service Mesh with Anthos, Hybrid Cloud Infrastructure Foundations with Anthos.
- **Awards/Activities:** Inspiring Performance By Wipro. Award presented by company for commitment and spent extended efforts for accomplishing quality deliverables.