

# Perarivalan K

📍 Chennai  
📞 8807608228  
✉️ ks.perarivalan@gmail.com  
🔗 linkedin.com/in/perarivalanks  
💻 github.com/Peruks

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## Professional Summary

Motivated technology professional transitioning into Artificial Intelligence with a strong foundation in problem-solving and technical systems. Currently enrolled in the intensive TNSDC - Cultus "Artificial Intelligence Programmer" hybrid program to build expertise in Python, Machine Learning, and Data Science. Bringing transferable skills from network operations experience and self-directed technical research, combined with strong analytical thinking developed through rigorous exam preparation. Eager to launch a career in AI/ML engineering.

## Current Training & Certifications

Cultus Education & Technology - TNSDC Vetri Nichayam	Hybrid Mode
<i>Artificial Intelligence Programmer</i>	<i>Ongoing</i>
<ul style="list-style-type: none"><li>● <b>Program Structure:</b> 90-day intensive training program (45 days offline + 45 days online).</li><li>● <b>Core Focus:</b> Python Programming, Machine Learning Algorithms, Data Analysis, AI Fundamentals.</li><li>● <b>Methodology:</b> Hands-on project-based learning approach.</li></ul>	
Relevant Certifications.....	

- Google Crash Course on Python – Coursera
- Python for Data Science, AI & Development – IBM

## Education

Appollo Engineering College	Chennai
<i>Bachelor of Engineering (Electronics &amp; Communication Engineering)</i>	<i>2015</i>

## Technical Skills

- **Programming & Tools:** Python (Core fundamentals, actively developing proficiency), SQL (Database querying basics), Git & GitHub, VS Code.
- **Data Analysis & Libraries:** NumPy (Numerical computing), pandas (Data manipulation).
- **Core Competencies:** Analytical Problem Solving, System Troubleshooting & Monitoring, Research & Self-Learning, Team Collaboration, Documentation & Reporting.

## Professional Experience

UST Global	Chennai
<i>Network Operations Engineer</i>	<i>2018</i>

- Monitored and maintained critical network infrastructure serving enterprise clients.
- Collaborated with cross-functional technical teams to ensure 24/7 system availability.
- Diagnosed and resolved network incidents, minimizing service disruptions.
- Created detailed incident reports and documentation for knowledge base.
- Developed strong troubleshooting methodology and attention to detail.

### Self-Employed

Remote

2020–2024

#### *Independent Technology Researcher*

- Conducted self-directed research into emerging technologies including blockchain, Web3, and decentralized applications.
- Engaged with technical communities to understand cryptocurrency fundamentals and distributed systems.
- Developed self-learning discipline and ability to grasp complex technical concepts independently.
- Stayed current with technology trends through online courses and technical documentation.

## Professional Development Journey

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### *Career Development Period*

2019–2024

- Dedicated time to competitive government examination preparation, strengthening analytical reasoning and mental discipline.
- Completed professional certifications in Python and Data Science during this period.
- Made strategic decision to transition into AI/technology sector, leading to enrollment in TNSDC-Cultus program.
- Brings maturity, focus, and commitment to career relaunch in artificial intelligence.

## Projects & Learning Goals

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### Current Focus Areas

- Building strong Python programming foundation.
- Understanding machine learning algorithms and their applications.
- Developing data analysis and visualization skills.
- Creating portfolio projects throughout the Cultus training program.

### Upcoming Projects

- Data analysis projects using real-world datasets.
- Machine learning model implementations.
- AI-powered applications (to be developed during training).

## Additional Information

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- Languages:** English, Tamil.
- Availability:** Fully committed to AI career transition and available for internships/entry-level opportunities post-training.
- Career Objective:** Seeking to leverage technical foundation and fresh AI/ML training to contribute to innovative projects as a Junior AI Engineer or Data Analyst.