

# SWOC Analysis

## L Gaurav Naik

### 1. Strengths

- Strong Technical Foundation: Skills in Java, and C++
- Innovative Problem Solver: Designed solutions like an AI-powered Virtual Assistant and a Sentiment Analysis Tool
- Consistent Learner: Actively pursuing certifications
- In Machine Learning and Deep Learning frameworks like Tensorflow and PyTorch learned
- Good Communication & Presentation Skills: Able to convey tech concepts effectively

### 2. Weaknesses

- Limited Industry Exposure: Currently short-term internship experience
- Time Management Under Pressure: Needs better handling of multiple tasks
- Overemphasis on Perfection: Sometimes spends too much time refining details
- Limited Networking: Needs to connect more with professionals and mentors

### 3. Opportunities

- Rising demand for AI Engineers: Expanding opportunities at Google and top tech firms
- Access to Open-Source Communities: Contributing to GitHub and Google Summer of Code
- Hackathons & Research Forum, burongentcomplex scnortt
- Higher Studies or Specialization
- Further learning in NLP, Computer Vision or Ethics

### Summary Insight

L Gaurav Naik possesses a solid mix of technical knowledge, creativity, and learning enthusiasm. By gaining more real-world experience, improving time management, and expanding professional

# Personal Development Plan (PDP)

**Name:** L Gaurav Naik

**Position:** AI Engineer

**Organization:** Tata Consultancy Services (TCS) / Tata

**Group Date:** November 2025

## 1. Personal Vision Statement

To become a skilled AI Engineer who develops innovative AI solutions: applies ethics in AI deployment, and contributes to the advancement of AI technology at Tata Group and India.

## 2. Current Situation (Self-Assessment)

Skills/Knowledge Area	Current Level	Comments
Machine Learning Concepts	Beginner	Understand supervised learning
Programming	Beginner	Familiar with Python & NumPy
Mathematical Foundations	Beginner	Hands-on practice with large data sets
AI Ethics	Strong	Knowledge of ethical guidelines
Data Preparation	Beginner	Good presentation and coordination
Communication & Teamwork	Beginner	Programmatic skills

## 3. SMART Career Goals

Time Frame	Goal	Resources
Cybersecurity	Complete courses in deep learning	TCS internal trainings
Deep Learning	Become fluent in NLP	Coursera
NLP	Learn TensorFlow & PyTorch	Hugging Face, Udemy
Software Development	Improve coding skills	TCS internal trainings
Soft Skills	Improve communication & leadership	TCS internal trainings

## 5. Timeline Overview

Month	Focus Area	Resources
Jan-Mar 2026	Machine Learning & Python	TCS internal trainings, Coursera
Apr-Jun 2026	Deep Learning & NLP	Fast.ai, Coursera