

Pelican Valley®



PATHWAY TO SUCCESS

ARTIFICIAL INTELLIGENCE 14 WEEK INTERNSHIP PROGRAMME

Our Mission:

Transform talented Engineering Graduates into job-ready IT / AI / Tech professionals through comprehensive training plus placement support.*

We don't just teach technology. We also train them in soft skills to help develop their personality, to cope with future challenges too.

www.PelicanValley.net



**Your Pathway to a Thriving
AI Career**

Reach Us @:

Email: placement@PelicanValley.net

Join Us @:

[Pelican Valley](#)
[Placement Lobby](#)

* Conditions Apply



Real-World Projects
Build things employers actually want

Journey to Your Job



Apply for Pelican Valley Program



Psychometric Assessment



Join Pelican Valley Internship Program



Complete Course and Get Certified



Get Placed in a Job



Training in Interview Mastery

PELICAN VALLEY[®] APPROACH

Faculty



Prem Kiran
Director, Corporate Training

Driving digital transformation with specialized programs on Cloud, CRM, ERP, DWH, ETL, and BI



Chakravarthi Vajjhala

Director, AI
Enterprise AI & COBOL Expert. Insurance & Fin. Tech leader with 25+ years of experience.



Prasad Natarajan

Chief Executive Officer
Master Career Strategist | Organizational Transformation Expert | Executive Leadership Coach | PCC (ICF) | Senior Practitioner, (EMCC) | Certified NLP Practitioner



What are the benefits?

Industry-Ready AI Skills:

Real tools used in the industry

Certificate of Completion

Verified by Pelican Valley®

- 14 weeks intensive programme
- Python › Data Analysis › ML
- 7 learning phases + capstone
- Open to all graduates

Access to Growing Job Opportunities:

Tap into the booming AI ecosystem in South India, with Bengaluru, Chennai, Hyderabad, and other cities offering extensive job openings across IT firms and startups.

Competitive Salary Potential:

Open pathways to attractive entry-level salaries (~₹3-5 lakhs per annum), with rapid growth possibilities as skills and experience increase.

Career Growth and Networking:

Build a foundation for continuous career advancement in Artificial Intelligence, supported by access to AI communities, mentors, and placement networks in South India.

WHO IS THIS FOR?

- Engineering & Science graduates
- Students wanting hands-on ML experience
- Job seekers ready to go industry-ready

Programme Objective

- To equip students with strong programming, data analysis, and machine learning skills to solve real-world problems and to become industry-ready.

Course Curriculum

Wk 1-3 – Python Foundations

- Intro to Python · Variables & Data Types
- Conditionals · Loops · Functions
- Basic Programs

Wk 4-5 – Intermediate Python

- Object-Oriented Programming (OOP)
- Exception & File Handling
- Modules & Packages · Mini Project

Wk 6-7 – Data Analysis

- NumPy & Pandas DataFrames
- Data Cleaning Techniques
- Matplotlib / Seaborn
- Case Study

Week 8 – Statistics for ML

- Mean · Median · Mode
- Probability Basics
- Correlation & Distributions

Wk 9-11 – ML Fundamentals

- Supervised vs Unsupervised
- Train / Test Split & Evaluation
- Linear & Logistic Regression
- Decision Trees · KNN

Wk 12-13 – Advanced ML

- Random Forest
- K-Means Clustering
- Feature Engineering
- Model Optimisation

Week 14 – Capstone Projects

- Insurance Claim Fraud Detection: Anomaly detection + explainable AI for claims data
- Health Risk Profiler: Disease prediction as a web app with SHAP explanations for user-input vitals
- Invoice Automation: OCR + NER to extract invoice fields, similar to ERP workflows



About Pelican Valley:

Pelican Valley is more than a training academy - it is a purpose-built ecosystem designed to nurture talent, launch careers, and connect ambitious graduates with meaningful employment in India's IT industry.

Based just outside Chennai, we bring together world-class AI training, expert mentorship, project-based learning, and employability support - delivered through online and hybrid formats that combine the flexibility of digital learning with the depth of live interaction.

Our mission

Close the gap between fresh graduates and high-demand job opportunities in India's IT and services sector.

We achieve this by offering certification-focused training, hands-on project experience, and direct pathways into employers - including startups and companies in SEZs such as Sri City and Vedurupattu.

Unlock your earning potential and take the first step towards a well paying, stable career. Join us.

BY THE END, YOU WILL:

- Write production-ready Python with OOP, modules, exception handling, and file I/O.
- Build & deploy ML models from scratch
- Apply unsupervised learning with K-Means Clustering
- Evaluate models using train/test split and proper metrics
- Work on live/simulated projects covering requirements → design → testing → training

Why Pelican Valley?

Hybrid & immersive learning: Our programs combine live online classes, self-paced modules, and optional in-person workshops. This allows learners to balance deep practice with flexibility, while still benefiting from peer learning, instructor interaction, and collaborative project work.

Industry-led mentors: Courses are delivered by senior practitioners and professionals - consultants, architects, and developers with proven enterprise experience. Learners gain insights from real implementations and receive mentorship from experts connected to global IT / AI / Technology networks.

Project-first pedagogy: Every cohort works on live or simulated projects for startups, partner companies, and Effexoft (our founding partner). Projects cover requirements gathering, design, configuration, integration, testing, and user training - so graduates demonstrate practical capability, not just textbook knowledge.

Full employability support

Beyond technical expertise, our curriculum equips graduates with soft skills, interview readiness, resume crafting, and client-facing confidence. Through online mock-interviews, role-play activities, and remote hiring drives with employers, participants are prepared for success from day one.