6-MONTH INDUSTRIAL TRAINING & INTERNSHIP ROADMAP

PROGRAM TIMELINE OVERVIEW

Commencement Date: January 26, 2026

Program Duration: 6 Months

Total Tenure: Jan 26, 2026 – July 25, 2026

Phase	Description	Duration	Start Date	End Date
Phase 1	**The Revision Month (3 Mini-Projects)**	30 Days	Jan 26, 2026	Feb 24, 2026
Gap	*Submission Verification Gap*	*2 Days*	*Feb 25, 2026*	*Feb 26, 2026*
Phase 2	**Advanced Industrial Training (R&D)**	45 Days	Feb 27, 2026	April 12, 2026
Gap	*Training Evaluation Gap*	*2 Days*	*April 13, 2026*	*April 14, 2026*
Phase 3	**Major Capstone Projects (Industry Level)**	Remainder	April 15, 2026	July 25, 2026

PHASE 1: REVISION & BASELINE ASSESSMENT (Jan 26 - Feb 24)

Objective: This month is designed to test your existing skills and ensure you are ready for the advanced training. You must complete **3 Projects** with strict **10-day deadlines**.

Submission Requirements for ALL Projects:

1. **System Architecture (Figma):** A public Figma file showing the flow, database schema, and UI wireframes.
2. **Codebase (GitHub):** Public Repository link with clean code and a README.md.
3. **Social Proof (LinkedIn):** A mandatory post explaining your project, tagging @console.success.

DEADLINES (Strict)

- **Project 1:** Jan 26 - Feb 4 (Submit by 11:59 PM, Feb 4)
- **Project 2:** Feb 5 - Feb 14 (Submit by 11:59 PM, Feb 14)
- **Project 3:** Feb 15 - Feb 24 (Submit by 11:59 PM, Feb 24)

DOMAIN-WISE PROJECT ALLOCATION (Phase 1)

Domain: Generative AI

- **Project 1: Intelligent PDF Chatbot (RAG)**
  - *Task:* Build a system where users upload a PDF. Using LangChain and a Vector Database (Pinecone/ChromaDB), allow users to ask questions and get answers strictly from the PDF context.
- **Project 2: AI-Powered Code Reviewer**
  - *Task:* Create a tool that takes a snippet of Python code as input and uses an LLM API (OpenAI/Gemini/HuggingFace) to suggest optimizations, find bugs, and generate comments.
- **Project 3: Text-to-SQL Generator**
  - *Task:* Build a tool where a user asks a question in plain English (e.g., "Show me top 5 sales"), and the model generates the correct SQL query for a sample database.

Domain: Data Science

- **Project 1: Exploratory Data Analysis (EDA) Dashboard**
  - *Task:* Take a raw dataset (e.g., Airbnb Listings). Perform data cleaning (Pandas), and build an interactive Streamlit/Dash dashboard showing pricing trends, location heatmaps, and correlation matrices.
- **Project 2: Customer Churn Prediction Model**
  - *Task:* Build a classification model (Logistic Regression/Random Forest) to predict if a customer will leave a subscription service. Must include a Confusion Matrix and Accuracy Score report.
- **Project 3: Stock Price Forecasting**
  - *Task:* Use Time-Series forecasting (ARIMA or LSTM) to predict the stock price of a company for the next 7 days based on historical data. Visualize the "Predicted vs Actual" line graph.

Domain: Full Stack Development

- **Project 1: Kanban Task Board (Trello Clone)**
  - *Task:* Build a Drag-and-Drop task management app.
  - *Tech:* React/Next.js (Frontend) Flexibility in choosing any language for backend development. Must include "To-Do", "In-Progress", "Done" states and local storage persistence.
- **Project 2: Authentication System & User Dashboard**
  - *Task:* Create a secure Login/Signup system using JWT (JSON Web Tokens). Once logged in, the user sees a profile dashboard where they can update details and upload a profile picture.
- **Project 3: E-Commerce Product Filtering API**
  - *Task:* Build a backend API and a simple frontend that fetches products. Implement complex filters: Price Range, Category, and Sorting (Low-to-High). Must utilize optimized Database Queries.

PHASE 2: ADVANCED INDUSTRIAL TRAINING (Feb 27 - April 12)

Methodology: Documentation-Driven Development (DDD).

Duration: 45 Days.

- **Resources:** You will be provided with industry-grade documentation covering Basic to Advanced concepts specific to your domain (System Design, Scalability, Security).
- **Process:** You are expected to self-study the provided modules during the training hours.
- **Assessments (Mandatory):**
  - **When:** Every Sunday.
  - **Where:** Private Telegram Channel.
  - **Format:** Coding Challenges & Scenario-based MCQs.
  - **Monitoring:** Progress will be tracked via the Telegram Bot and leaderboard updates.

PHASE 3: MAJOR INDUSTRY PROJECTS (April 15 - July 25)

Objective: Upon clearing the training evaluation, you will be deployed on **4 Major Capstone Projects**. These are production-level builds focusing on deployment, security, and scalability.

Phase 3 Schedule (Calculated):

Project	Duration	Start Date	Submission Deadline	Gap/Review
Major Project 1	23 Days	April 15, 2026	May 7, 2026	May 8-9
Major Project 2	23 Days	May 10, 2026	June 1, 2026	June 2-3
Major Project 3	23 Days	June 4, 2026	June 26, 2026	June 27-28
Major Project 4	25 Days	June 29, 2026	July 23, 2026	July 24-25

Note: Detailed problem statements for Phase 3 will be released after the successful completion of Phase 2 Training.

GENERAL GUIDELINES

1. **Flexible Hours:** While you must meet the deadlines, your daily working hours are flexible.
2. **Submission Alerts:** You will receive the submission link via email **one day prior** to the deadline.
3. **Strict Adherence:** Late submissions for Phase 1 or missing Sunday Assessments in Phase 2 will lead to immediate probation or disqualification.

Let's Build the Future.

Team console.success

Connect: info@consoledotsuccess.org