Job Openings at Avyukta Intellicall Consulting Pvt Ltd

Key Company Resources

- **CRM Introduction Video:** Avyukta CRM Overview
- **Brochure:** Avyukta Intellicall Brochure (PDF)
- **Resource Links:** DialerIndia Resources

Product & Tutorial Channels

- **YouTube Channel:** Avyukta Intellicall Videos
- **Dialer Tutorials:** DialerIndia Tutorials (Use registered number: 9549999916)
- **Most Important Tutorials:** Key Dialer Tutorials
- **CRM Video Link:** CRM Demo Video

📍 **Location: Avyukta Intellicall, Narayan Vihar Rd, Jaipur, Rajasthan 302020**
🕑 **Employment Type: Full-time**
👨‍💻 **Experience Level: Fresher (0–1 Year)**
🎓 **Education Qualification: B.Tech / B.E / MCA / M.Sc (CS/IT) or equivalent**

Job Description (JD) – AI Developer

Role Overview

We are looking for a passionate **AI Developer** who can design, build, and deploy intelligent systems that solve real-world problems. The candidate will work on **machine learning (ML), deep learning (DL), and natural language processing (NLP)** projects, with a focus on integrating AI into business applications. This role requires a blend of **coding expertise, algorithmic thinking, and creativity** in applying AI to practical use cases.

Key Responsibilities

- Develop and implement **AI/ML models** for diverse applications (chatbots, recommendation systems, computer vision, NLP tasks, predictive analytics).
- Perform **data preprocessing, feature engineering, and data cleaning** to prepare datasets for training.
- Train, validate, and fine-tune **machine learning and deep learning models** for high accuracy and efficiency.
- Work with **large language models (LLMs)** and AI APIs to create conversational AI and automation workflows.
- Deploy ML/DL models using **Flask, FastAPI, or cloud platforms (AWS, GCP, Azure)**.
- Integrate AI solutions with existing products through **REST APIs, SDKs, or third-party services**.
- Collaborate with cross-functional teams (developers, product managers, and business analysts) to translate business requirements into AI-driven solutions.
- Optimize models for **scalability, efficiency, and performance** in production environments.
- Research and stay updated on the latest trends in **AI/ML, NLP, and Generative AI**.
- Contribute to documentation, code reviews, and knowledge sharing within the team.

Required Skills

- **Programming Languages:** Strong expertise in **Python** with libraries like NumPy, Pandas, Matplotlib, Scikit-learn.

- **Machine Learning & Deep Learning:** Hands-on with **TensorFlow / PyTorch**, Keras.
- **NLP:** Understanding of text preprocessing, sentiment analysis, and LLM applications.
- **AI Tools for Coding:** Experience with GitHub Copilot, Tabnine, and AI-powered IDEs.
- **Version Control:** Proficiency in **Git & GitHub**.
- **Cloud Basics:** Familiarity with **AWS, GCP, or Azure** for AI/ML deployments.
- **Data Handling:** Ability to work with structured & unstructured data (CSV, JSON, APIs, databases).

Preferred Skills

- **Generative AI:** Familiarity with **OpenAI APIs, Hugging Face Transformers, LangChain**.
- **Prompt Engineering:** Ability to design effective prompts for AI tools and chatbots.
- **API Development:** Experience with building and consuming APIs for AI model integration.
- **MLOps:** Exposure to tools like Docker, Kubernetes, MLflow for model deployment and lifecycle management.
- **Vector Databases:** Knowledge of Pinecone, Weaviate, or FAISS for AI search applications.
- **Frontend/Backend Basics:** Knowledge of integrating AI models into web or mobile apps.

Soft Skills

- Strong **problem-solving** ability and analytical thinking.
- Quick learner with a **growth mindset** to adopt new AI tools and frameworks.
- **Team collaboration** skills with ability to work in agile environments.
- Effective **communication skills** to explain technical concepts to non-technical stakeholders.
- **Creativity and innovation** in applying AI to real-world use cases.

2. Salary Structure

We follow a **step-wise career growth path** to ensure candidates gain hands-on experience and industry exposure before transitioning to a full-time role.

- **Training Phase (Learning & Skill Building)**
  - **Stipend:** ₹0 / month
  - This stage focuses purely on **learning and practical skill development**.
  - Candidates work on small projects, gain exposure to AI tools, and prepare for real-world challenges.
  - Emphasis is on **concept mastery** and **foundation building**.
- **Internship Phase (Industry Projects)**
  - **Stipend:** ₹8,000 – ₹18,000 / month *(based on performance and project contributions)*
  - Candidates get exposure to **live industry projects** in domains like NLP, Generative AI, computer vision, and data analytics.
  - They collaborate with senior developers and learn the best practices of coding, testing, and deploying AI solutions.
  - **Performance evaluations** are done monthly, and the stipend may increase based on contribution.
- **Full-Time Offer (On Conversion)**
  - On successful completion of internship and performance evaluation, candidates may receive a **full-time employment offer**.
  - Salary will be aligned with **industry standards for AI Developers** and may vary depending on experience, skills, and project contributions.
  - Includes potential opportunities for **bonuses, project incentives, and career growth** within the company.

3. Training Details

The **Training Program** is designed to provide practical exposure, build strong foundations, and prepare candidates for the **Internship and Final Technical Round**.

- **Duration:**
  - **1–2 months (unpaid)**, depending on the candidate's learning pace.
- **Learning Focus:**
  - **Core AI/ML Concepts** – regression, classification, clustering, and neural networks.

    - **Data Preprocessing & Cleaning** – handling missing values, feature engineering, data scaling.
    - **Model Building** – hands-on with machine learning models using Scikit-learn, TensorFlow, and PyTorch.
    - **Chatbot Development** – integrating **OpenAI APIs, Hugging Face, and LangChain** for building AI chatbots.
    - **API Integration** – exposing models as REST APIs using Flask or FastAPI.
    - **Version Control & Collaboration** – Git/GitHub for code management and teamwork.
- **Hands-on Projects:**
    - Data preprocessing pipeline with Pandas & Scikit-learn.
    - Building a predictive ML model (classification/regression).
    - Developing a simple AI chatbot using OpenAI API.
    - Deploying an ML model as a REST API.
- **Mentorship & Support:**
    - Guidance from **senior developers and AI experts** throughout the program.
    - Weekly code reviews and Q&A sessions.
    - Access to study material, project templates, and best practices.
- **Outcome of Training:**
    - Strong foundation in AI/ML concepts.
    - Hands-on experience with real tools and frameworks.
    - Prepared for **Internship phase** and final technical evaluations.

4. Internship Details

The **AI Developer Internship** is designed to provide real-world exposure, practical learning, and industry project experience to aspiring AI professionals. It bridges the gap between academic knowledge and real business applications.

- **Duration:**
    - **3–6 months**, depending on project requirements and candidate performance.
- **Stipend:**
    - **₹8,000 – ₹18,000 per month** *(performance-based and reviewed periodically)*.
    - Higher stipends may be offered for exceptional performance or handling advanced projects.

- **Learning & Work Environment:**
    - Interns will be part of the **core AI development team**.
    - They will collaborate with **senior developers, data scientists, and product teams**.
    - Emphasis will be placed on **learning by doing**, with active mentorship and weekly reviews.
- **Projects & Assignments:**

  During the internship, candidates will work on **real-world AI projects** such as:
    - **Chatbots & Conversational AI:** Building intelligent bots using OpenAI APIs, Hugging Face, and LangChain.
    - **Recommendation Systems:** Developing product/content recommenders for e-commerce and social platforms.
    - **AI Automation Tools:** Creating workflow automation solutions with NLP, summarization, and predictive analytics.
    - **Computer Vision Applications:** Working on image classification, object detection, or facial recognition models.
    - **NLP Tasks:** Sentiment analysis, text summarization, and large language model fine-tuning.
- **Skill Development Focus:**
    - Advanced model training and optimization.
    - API development and integration.
    - Deployment of ML/DL models on cloud and web platforms.
    - MLOps basics – CI/CD, Docker, Git workflows.
- **Performance Review & Evaluation:**
    - Monthly performance assessments on **project delivery, code quality, problem-solving, and teamwork**.
    - Constructive feedback and improvement sessions will be conducted.
- **Outcome of Internship:**
    - By the end of the program, interns will have a **portfolio of real-world AI projects**.
    - They will gain practical expertise in building and deploying AI solutions.
    - Top-performing interns will receive a **Full-Time Placement Offer** as AI Developers with **industry-standard packages**.

5. Study Material (Before Final Technical Round)

All candidates are expected to thoroughly prepare the following topics before appearing in the **final technical round**. The study material covers programming, AI/ML

fundamentals, frameworks, AI tools, and applied project work to ensure readiness for real-world development.

A. Programming & Basics

Strong programming fundamentals are essential for AI development. Candidates must review:

- **Python for AI Development**
  - Data handling using **NumPy & Pandas**
  - Data visualization with **Matplotlib & Seaborn**
  - Machine learning essentials with **Scikit-learn**
  - Writing clean, modular, and optimized Python code
- **Object-Oriented Programming (OOPs) Concepts**
  - Classes, objects, inheritance, polymorphism
  - Encapsulation and abstraction
  - Writing reusable and scalable code
- **Data Structures & Algorithms (DSA) Basics**
  - Arrays, Lists, Stacks, Queues, Hashmaps
  - Searching & Sorting algorithms
  - Recursion and basic problem-solving skills

B. Core AI/ML Concepts

Candidates must demonstrate an understanding of **core AI and ML algorithms**:

- **Machine Learning Paradigms**
  - Supervised Learning (classification, regression)
  - Unsupervised Learning (clustering, dimensionality reduction)
  - Reinforcement Learning basics
- **Key Algorithms**
  - Linear & Logistic Regression
  - K-Means, K-Nearest Neighbors (KNN)
  - Decision Trees, Random Forest, XGBoost, Gradient Boosting
  - Support Vector Machines (SVM)
- **Deep Learning Fundamentals**
  - Basics of Neural Networks (forward & backward propagation)
  - Convolutional Neural Networks (CNNs) – Image classification & detection
  - Recurrent Neural Networks (RNNs, LSTMs) – Sequence modeling

    - Transformers – Attention mechanism, BERT, GPT models

C. AI Tools for Coding

Candidates should explore AI-powered tools that enhance coding productivity and assist in development:

- **GitHub Copilot** – Code suggestions, boilerplate generation, and auto-completion.
- **OpenAI ChatGPT** – For debugging, code generation, and quick explanations of algorithms.
- **Tabnine** – AI autocomplete for multiple languages.
- **Replit Ghostwriter** – AI pair programming inside Replit IDE.
- **Codeium** – Free AI-powered coding assistant with multi-language support.

D. Frameworks & Libraries

Hands-on experience with **popular AI/ML frameworks** is mandatory:

- **TensorFlow / PyTorch** – Deep learning frameworks for building and training neural networks.
- **Hugging Face Transformers** – Pre-trained models for NLP and LLM applications.
- **LangChain** – Framework for building LLM-based applications and AI workflows.
- **FastAPI / Flask** – Deploying AI models as REST APIs for real-world applications.

E. Applied AI Projects

To demonstrate practical knowledge, candidates must attempt **mini-projects** in the following areas:

1. **Chatbots**
    - Build conversational AI using OpenAI APIs or Hugging Face models.
    - Implement intent recognition, context handling, and response generation.
2. **AI Automation Tools**

    - Develop applications for document summarization, data extraction, and report generation.
    - Use NLP pipelines for real-world automation tasks.
3. **Recommendation Systems**
    - Create content or product recommenders using collaborative and content-based filtering.
    - Implement ML-based personalized recommendation engines.
4. **Computer Vision Tasks**
    - Build an image classification model (cats vs. dogs, object detection, etc.).
    - Implement face recognition or OCR (Optical Character Recognition) solutions.

Social & Media Links

- **LinkedIn:** Avyukta Intellicall
- **Facebook:** DialerIndia

Instagram: Avyukta Intellicall

Twitter: Avyukta Ecall

- Youtube : https://www.youtube.com/watch?v=tK4f87RQKQg