

प्रधान महालेखाकार (लेखपरीक्षा)  
का कार्यालय तेलंगाना, सैफाबाद,  
हैदराबाद - 500004



OFFICE OF THE PRINCIPAL  
ACCOUNTANT GENERAL  
(AUDIT) TELANGANA,  
SAIFABAD, HYDERABAD- 500004

## YOUNG PROFESSIONAL PROGRAMME

### **Subject: Advertisement for Engagement of Young Professional – Reg.**

The office of the Principal Accountant General (Audit), Telangana, Hyderabad invites applications for the contractual engagement of **one (1) Young Professional (YP)** to work on a high-priority, strategic project aimed at transforming audit through technology.

#### 1. Project Overview

**Project Title:** "AI-Driven Risk-Based Audit Analytics System for Enhancing Audit Efficiency in Government Entities".

**Objective:** To design and pilot a risk-based audit analytics framework that utilizes AI, ML, and advanced data analytics to automatically identify high-risk transactions and entities within government financial data.

#### 2. Eligibility Criteria

- **Age Limit:** Not more than 30 years of age at the time of application.
- **Essential Qualification:** Professional qualification (Graduate/Post- Graduate/Research Scholar) in Computer Science, Information Technology, or Data Analytics.

#### 3. Required Technical Skills & Experience

Candidates must demonstrate advanced expertise in the following areas:

- **Data Analytics & Programming:**

Proficiency in Python (Pandas, NumPy, Statsmodels etc.) for cleaning, transforming, and analysing large datasets; building scalable scripts and pipelines; automating workflows. Exposure to rapid prototyping tools (like Orange Data Mining) is a plus.

- **Data Visualization:**

Experience with Tableau or Power BI to design interactive dashboards, risk heatmaps, and anomaly indicators, with strong storytelling and reporting skills.

- **Database & ETL:**

Solid knowledge of relational databases (PostgreSQL, MySQL, SQL Server) and handling large datasets from multiple sources (CSV, Excel, APIs). Skilled in ETL processes including data cleaning, validation, and transformation.

- **Statistical & Analytical Techniques:**

Strong foundation in applied statistics with hands-on experience in anomaly/outlier detection, regression, clustering, time-series analysis, and risk scoring models. Familiarity with fraud analytics.

- **Unstructured Data Processing:**

Experience with OCR tools, basic NLP in Python, and document classification/metadata extraction.

#### 4. Key Responsibilities:

- **Scheme & Beneficiary Analytics:**

- Beneficiary validation and deduplication analysis.
- Identification of ghost or duplicate beneficiaries.
- Cross-dataset matching (e.g., payroll vs attendance vs disbursement records).
- Scheme-wise expenditure trend analysis across financial years.

- **Financial & Expenditure Risk Analysis:**

- Detection of abnormal expenditure patterns and inflated contract values.
- Identification of duplicate payments and unusual transaction clusters.
- Benford's Law analysis for fraud indicators.
- Year-end expenditure spike detection.
- Contractor/vendor concentration and related-party risk analysis.

- **Establishment Audit Analytics:**

- Payroll anomaly detection (ghost employees, duplicate accounts, abnormal allowances).
- Attendance-to-payment reconciliation.
- Grade/pay scale irregularity detection.
- Trend analysis of establishment growth versus sanctioned strength.

- **Works & Procurement Audit Analytics:**

- Analysis of repeated award of works to the same vendors.
- Collusive bidding pattern detection.
- Comparison of estimated cost vs awarded cost vs actual expenditure.
- Geo-spatial validation of project locations (if GIS data available).
- Work completion vs fund release reconciliation.

### **Dashboarding & Monitoring Systems:**

- Development of interactive dashboards for:
  - Risk scoring
  - Budget vs actual utilization
  - Geo-mapped implementation tracking
  - Contractor/vendor analytics
- Automated red-flag generation systems for audit teams.
- Drill-down analytics from State to District to Block to Beneficiary level.
- Unstructured Document Analytics
- Extraction of structured data from scanned invoices, sanction orders, tender documents, and completion certificates.
- Named entity recognition and key-field extraction.
- Cross-verification of document contents against database records.
- Identification of inconsistencies between documentation and financial entries.

### **Reporting & Audit Support:**

- Preparation of structured analytical reports.
- Development of explainable and defensible models suitable for statutory audit documentation.
- Evidence-backed red-flag summaries for audit observations.

### 5. Terms of Engagement

- **Tenure:** Initially for **one (1) year**, extendable up to a maximum of two (2) years based on performance and office requirements.
- **Remuneration:** A fixed monthly stipend of **₹40,000 to ₹50,000 (all-inclusive)**, depending on qualifications and experience.
- **Nature of Work:** Purely contractual and does not constitute a regular government job or employer-employee relationship with the CAG of India.

### 6. Selection Process

The selection follows a three-stage process:

- 1. Application Screening:** Based on technical fitment and academic record.
- 2. Telephone Interview:** Initial assessment.
- 3. Selection Interview:** Final technical and personal interview.

### 7. Other Terms and Conditions

- i) The Young Professional (YP) shall be subject to the laws of secrecy of the country and will sign

a Secrecy and Non-Disclosure Agreement before reporting.

ii) The engagement will not constitute a regular job or appointment of any nature in the office of CAG of India or the Indian Audit & Accounts Department, nor is it in the nature of a relationship of employer and employee between the CAG of India and the YP.

iii) The YP shall neither seek nor accept instructions from any authority outside Office of the CAG of India in connection with the performance of his/her obligations under the engagement. The YP shall comply with all laws, ordinances, rules and regulations bearing upon the performance of his/her obligations under the engagement. During the term of engagement, the YP shall comply with the Standards of Conduct. Failure to comply with the same will become a ground for termination of the YP without notice.

iv) **Confidentiality and Protection of Information:** The Young Professional (YP) shall, at all times, maintain strict confidentiality regarding any information, documents, data, or material that may come to his/her knowledge or possession in the course of engagement. Such information shall not be disclosed, published, or shared, in whole or in part, with any person or entity, without prior written approval of the Competent Authority in the Office of the Comptroller and Auditor General of India. This obligation shall continue to be binding even after the termination or completion of the engagement.

v) **Conflict of Interest:** The YP shall avoid any situation that may give rise to a conflict between personal interest and official duties. The YP shall disclose to the Mentor/Head of Office any personal, financial, or other interest that could influence, or appear to influence, the impartial performance of duties. The Office of the Comptroller and Auditor General of India reserves the right to terminate the engagement if, in its opinion, a conflict of interest has arisen or is likely to arise.

vi) **Protection of Documents and Materials:** All official documents, records, reports, correspondence, or data provided to or generated by the YP during the engagement shall remain the exclusive property of the Office of the Comptroller and Auditor General of India. The YP shall ensure proper custody and prevent unauthorized access, alteration, destruction, loss, or misuse of such material. Upon completion or termination of the engagement, all such materials shall be returned in accordance with clause 15 (Return of Materials).

#### 8. Travel, Service Incurred Death, Injury or Illness, Allowances:

i) No TA/DA will be paid to the YP for attending the interview.

ii) No other facilities such as DA, accommodation, residential phone/conveyance/transport, foreign travel, personal staff, medical reimbursement, CGHS etc. would be admissible,

iii) In the event of death, injury or illness of the YP during the term of his/her engagement the YP or

the YP's dependents, legal heirs, claimant etc., shall not be entitled to any compensation.

9. Attendance & Working days:

The working hours of the professionals shall be same as regular timing of this office. No extra remuneration shall be allowed for working beyond office hours or on Saturdays/Sundays/Gazetted Holidays.

10. Leave:

The YPs shall be eligible for 8 days leave in a calendar year. The leave shall accrue on completed month basis calculated from the date of joining on pro-rata basis. The YP will not be eligible for remuneration for any absence beyond 8 days in a year. The un-availed leave in a calendar year shall not be carried forward to the next calendar year. The intervening Saturdays, Sundays or Gazetted holidays during a spell of leave shall not be counted against the 8 days leave.

11. Tax Deduction at Source:

Income Tax or any other tax liable to be deducted as per the prevailing rules will be deducted at source before effecting the payment, for which the CAG of India will issue TDS certificate/s. The CAG of India shall not undertake any liability for taxes or other contribution payable by the YP on payments made under this contract.

12. Termination:

i) Unauthorized absence from the project/work for a continuous period of 8 days or without any information or valid reason shall lead to automatic termination of the engagement.

ii) The CAG of India can terminate the contract at any time without prior notice and without providing any reason for it. However, in the normal course, the YP will be given one month's notice. The YP can also seek for termination of the contract by giving one month's notice.

13. The provisions of **Sexual Harassment of Women at Workplace** (Prevention, Prohibition and Redressal) Act, 2013, shall apply.

14. Training / Onboarding: - The YPs shall be imparted such Orientation / Training as may be considered necessary.

15. Return of Materials:

At the time of completion of engagement period, the YP has to return to the CAG of India all papers, drawings, notes, memoranda, manuals, specifications, designs, devices, documents, diskettes, CDs, DVDs. Tapes, and any other material on any media containing or disclosing any confidential or proprietary technical or business information. On completion of the engagement the YP shall also return any keys, pass cards, ID cards or other property belonging to the CAG of India.

16.References:

- i) The YPs shall provide integrity certificates from two (02) references known to them preferably from the present Institute or the Institute last attended.
- ii) A self-undertaking shall be provided by the YPs to the effect that he/she has no criminal record or criminal case in any court pending against them.

17.Outplacement:

At the end of the engagement, an Experience Certificate/Recommendation letter will be given to the YPs.

18. How to Apply:

Mode of submission of application is online through email only. Eligible candidates who are willing to be considered for the above assignments are required to submit their bio-data in the enclosed proforma and a brief Statement of Purpose (SOP) emphasizing their experience with Python/Tableau and data dump handling to official mail id of this office **saoadmin.tel.au@cag.gov.in**

Applications duly filled in all respects must reach the undersigned through email id of this office **saoadmin.tel.au@cag.gov.in** by 01-06-2026.

विजयशेखर  
13/5/2026  
वरिष्ठ लेखापरीक्षा अधिकारी (प्रशासन)

## Annexure-I

## APPLICATION FOR ENGAGEMENT AS YOUNG PROFESSIONAL

Paste here Latest  
Passport Size  
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1.	Name:				
2.	Father's/Spouse Name:				
3.	Address for Communication:				
4.	Permanent Address, if any				
5.	Telephone/Mobile No.				
6.	Email ID				
7.	Date of Birth				
8.	Age as on the date of advertisement				
9.	Gender				
10.	Education				
	Course	Subject	University/Institute	Year of Passing	Division/Class

11. Professional Qualification				
Course	Subject	University/Institute	Year of Passing	Division/Class
12. Details of previous employment/experience with valid documentary evidence (in chronological order)				
Organization Detail	Period of Employment	Nature of Assignment Undertaken	Last Salery Drawn	

**DECLARATION**

I \_\_\_\_\_ hereby declare that the information furnished above are true to the best of my knowledge and belief. I understand that in case, any of the information furnished above is found to be false, at any stage before or after appointment, my appointment shall be liable to be cancelled and suitable legal action can be taken against me.

Place:

(Signature of the applicant)

Date:

Enclosure: