

BALAJI J

AI & Automation Developer

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PROFESSIONAL SUMMARY

AI & Automation Developer with 10+ years of Finance & Operations experience and 2 years focused on AI systems, automation workflows, and local LLM infrastructure. Specialized in lightweight AI deployments, multi-agent orchestration, workflow automation, and business process optimization.

CORE EXPERTISE

- AI Model Integration
- Local LLM Deployment
- Multi-Agent Orchestration
- Workflow Automation
- Prompt Engineering
- VPS Deployment & Optimization
- Telegram Bot Automation
- API Integrations
- Power Query (M Code)
- XML & Tally Data Integration
- Advanced Excel Automation
- Python Scripting
- PDF Processing Automation
- Finance & Accounts Operations

TECHNICAL STACK

AI / LLM Technologies

- Ollama
- OpenWebUI
- Hugging Face
- Gemini CLI
- Claude Code

Data Processing & Business Tools

- Power Query
- XML Processing
- Microsoft Excel
- VBA Automation
- PDF Processing Tools

Automation & Intelligent Workflows

- OpenClaw
- Hermes Agent
- Telegram Bot Automation
- Cronjob Automation

Infrastructure & Development

- Linux VPS
- Python
- API Integrations
- Low-Resource AI Optimization

EDUCATION

Bachelor of Computer Applications (BCA)

Tagore College of Arts and Science, Chrompet
2011 – 2014

CERTIFICATIONS

- CCNA 200-301 — Certificate of Recognition (2022)

PROFESSIONAL EXPERIENCE

AI & Automation Developer

Independent / Self-Directed Projects

2024 – Present

- Built multi-agent orchestration systems using centralized routing architectures.
 - Deployed lightweight LLMs on Linux VPS environments with optimized resource usage.
 - Designed AI-powered automation pipelines integrating Telegram Bots and AI agents.
 - Automated business reporting workflows using Power Query and XML data extraction.
 - Developed modern AI-assisted web interfaces with responsive UI/UX design principles.
 - Integrated NVIDIA APIs and managed cronjob-based automation workflows.
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Senior Accounts Executive

Hermes i Tickets Private Limited

Aug 2015 – Sep 2022

- Managed accounts receivable, customer payments, and credit limit reviews.
 - Prepared MIS reports and supported audits and financial reconciliation processes.
 - Resolved collection and payment-related issues through account analysis and due diligence.
 - Automated invoice processing workflows using Excel and Python-based solutions.
 - Coordinated with finance and sales teams for account management and reporting.
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Senior Accounts Executive

Roundtrip.in LLP

Oct 2022 – Present

- Handled end-to-end accounting operations for travel-related business workflows.
- Managed vendor settlements, purchase entries, invoicing, and reconciliation.
- Generated financial reports and maintained receivables/payables tracking systems.
- Prepared balance sheets and coordinated payment follow-ups with clients.
- Improved reporting accuracy using Excel-based automation workflows.

KEY PROJECTS

OpenClaw AI Orchestration System

Designed a multi-agent orchestration framework using centralized master-node routing architecture for intelligent task delegation and execution.

Technologies

- OpenClaw
 - Multi-Agent Systems
 - AI Orchestration
 - Automation Workflows
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Local LLM Deployment on VPS

Deployed and optimized Gemma and Granite Vision models on an 8GB Linux VPS using Ollama and OpenWebUI.

Highlights

- Low-resource optimization
- Lightweight AI infrastructure
- VPS deployment tuning

Technologies

- Ollama
 - OpenWebUI
 - Linux VPS
 - Gemma
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Hermes Agent Automation Pipeline

Integrated Telegram Bots with AI agents for automated workflows and task execution.

Highlights

- Telegram ↔ AI automation
- NVIDIA API integrations
- Cronjob debugging and optimization

Technologies

- Hermes Agent
 - Telegram Bot API
 - NVIDIA API
 - Cronjobs
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Tally + Power Query Data Integration

Built automated reporting pipelines by extracting structured financial data from Tally through XML-based integration.

Highlights

- Automated data transformation
- Power Query M-code workflows
- Financial reporting automation

Technologies

- Tally
 - Power Query
 - Excel
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PDF Invoice Automation

Automated PDF invoice splitting, merging, and renaming using Excel-mapped data and Python scripts.

Impact

Reduced manual processing time from hours to minutes.

Technologies

- PDF Libraries
 - Excel Automation
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CAREER OBJECTIVE

To build intelligent, scalable, and lightweight AI automation systems that solve real-world business problems efficiently through practical AI engineering, workflow automation, and system optimization.