

# THARUN PV

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## PROFESSIONAL SUMMARY

AI Automation Engineer with experience building intelligent automation workflows, AI-powered applications, and API-driven data pipelines. Skilled in integrating LLMs with business systems to automate data enrichment, streamline workflows, and improve operational efficiency.

## TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Backend & APIs:** FastAPI, Flask, REST APIs, API Integration
- **AI/ML & GenAI:** LLMs, RAG, Embeddings, Vector Databases
- **Cloud & DevOps:** AWS, GCP, Docker, GitHub Actions, Linux, CI/CD
- **Automation Tools:** UiPath, Power Automate, n8n, Zapier, Windmill
- **Developer Tools:** Git, Postman, VS Code, Claude Code, Cursor, Codex

## PROFESSIONAL EXPERIENCE

**Nova Benefits – Bengaluru, KA – AI Automation Engineer** **May 2026 – Present**

- **Core Platform Development:** Developed and enhanced features in a Codebase, **resolved production issues**, across application components to maintain code quality and service reliability.
- **Go-To-Market Automation:** Engineered **GTM data enrichment pipelines** integrating **CRM, Enrichment tools, and Email Bouncers** to automate contact discovery, data enrichment, email validation, and stage-based email campaigns, reducing manual prospecting effort by **50%**.
- **Project OneQueue:** Built a centralized ticketing system with **SLA-based priority scoring**, improving ticket prioritization by **40%**; built **4 CRM dashboards** for BDM/BDR performance and pipeline analytics, reducing reporting effort by **60%**.

**Accenture – Bengaluru, KA – Associate Software Engineer** **Sep 2024 – May 2026**

- Worked on **ETL pipelines** for data processing and workflow management. Implemented minor enhancements, created deployment artifacts, and used **GitHub Actions** to deploy changes across **DEV and UAT** environments.
- Worked on Jira-based requirements, pipeline execution, testing, troubleshooting, and data verification as part of day-to-day project activities.

**Bannari Amman Institute of Technology – Erode, TN – Technical Trainer Intern** **May 2024 – Aug 2024**

- Trained final-year students in technical skills, coordinated recruitment drives and hackathons, and mentored students on career readiness and hands-on learning.

**ICICI Prudential – RPA Developer Intern** **Oct 2023 – Mar 2024**

- **Data Extraction & Automation:** Built automated **data extraction pipelines** to retrieve real-time mutual fund and market share data using dynamic Excel inputs; implemented **retry, fallback, and exception handling** with automated alerts to maintain pipeline continuity.

**Vee Technologies Pvt Ltd - Salem, TN - RPA Consultant Trainee** **Dec 2022 – Feb 2023**

- **Medical Coding Automation:** Built automated data extraction pipelines to scan patient charts, verify doctor signatures, and match clinical documentation to medical codes. Implemented validation rules, exception handling, and automated alerts to instantly flag missing information and prevent system billing failures.

## PROJECTS

**DocPlainer-RAG-Chatbot** [Live link](#) [Source code](#)

- Built a RAG-based chatbot supporting PDF, DOCX, and Markdown documents using recursive chunking, embeddings, and ChromaDB vector search, with a fallback web-search pipeline for insufficient context and citation-backed responses.

**OCR-AV-Detector (Real-Time OCR Error & Keyword Monitoring Tool)** [Source Code](#)

- Built a real-time OCR tool with Tesseract to detect errors and keywords from live video streams. Automated UI bug detection and device validation by flagging predefined patterns in video frames.
- Streamlined testing workflows for developers and QA testers, removing manual inspection.

**Open Source Contribution: DevRev (MCP API Server)** [Source Code](#)

- Contributed to the DevRev MCP API server, adding automated testing, CI/CD integration, and workflow automation for reliable backend execution.

## EDUCATION

Sona College Of Technology : 2020 – 2024  
Bachelor Of Computer Science and Engineering

## CERTIFICATIONS

- **Microsoft** GitHub Actions (GH-200)
- **UiPath** Student Developer Champion
- **Cisco** Certified Network Associate (CCNA)