

# Achu Pradeep

IT Server Administrator | Linux DevOps Engineer | AI Developer | RHCSA/RHCE

achupradeep3050@gmail.com | +91-70557-77055 | github.com/achupradeep3050 | Aluva, Kerala, India

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## SUMMARY

Linux DevOps engineer with 2.5+ years in IT administration and a growing portfolio of AI/agentive automation projects. RHCSA + RHCE certified. Strong foundation in Linux systems, networking, security — now applying that to build AI-powered pipelines and workflows. Passionate about automating infrastructure and bringing AI agents into production. Seeking roles in Linux DevOps, SRE, AI Infrastructure, or Security Operations.

## WORK EXPERIENCE

### DevOps Engineer — PanApps Inc.

Recent

- Managing Linux server infrastructure, Apache/NiFi clusters, and Docker deployments across enterprise clients
- Implementing CI/CD pipelines with Jenkins and Ansible for automated application deployment
- Configuring Zabbix monitoring, Wazuh SIEM, and fail2ban for security operations and compliance

### System Administrator — Leadership Domestic Workers Service Center

Dec 2021 – Apr 2023

- Installed, configured, and maintained Windows Server 2016 and Linux-based infrastructure
- Configured LAN/WAN networks, firewalls, and secure connections for government integrations (MOHRE, ICA)
- Managed attendance and access control systems; administered IP telephony, mail server, company website
- Provided remote desktop support across 100+ end users; performed daily network monitoring

### Linux System Administrator — IPSR Solutions Ltd

6 months contract

- Administered Linux servers: kernel upgrades, firewall, SELINUX, LDAP
- Remote support via SSH; configured Apache, SAMBA, NFS, FTP, ISCSI servers
- Network monitoring, scheduled backups, user troubleshooting

### Network Administrator — Ravis Agencies

Jun 2014 – Jul 2017 (Part-Time)

- Led LAN/WAN establishment and implementation
- Installed and configured OS; optimized system security and performance
- Scheduled backups, monitored disk/log usage, implemented IT policies

## TECHNICAL SKILLS

- OS & Admin: Linux (RHEL, CentOS, Fedora, Kali), Windows Server 2016, LVM, SWAP, cron, systemd
- Networking: TCP/IP, LAN/WAN, DNS, DHCP, iptables/nftables, SELinux, LDAP
- Servers: Apache, Nginx, MySQL/MariaDB, SAMBA, NFS, FTP, ISCSI, Postfix
- DevOps & Cloud: Docker, systemd, Apache NiFi, Zabbix, Wazuh SIEM, AWS S3 Backup, CI/CD
- AI / Agentive: Python, CrewAI, LangChain, DSPy, ScrapeGraphAI, Hugging Face, AgentDB (HNSW), LangGraph
- Trading Tech: Pine Script v5, TradingView MCP, XAUUSD algos, FVG/SMC/ICT strategies
- Certifications: RHCSA (ID: 170-179-113), RHCE, Certified Ethical Hacking

## PROJECTS ([github.com/achupradeep3050](https://github.com/achupradeep3050))

- jobmind-agent: CrewAI multi-agent job application pipeline — resume tailoring per job, cover letter generation, interview prep, job portal scanning. Deployed live with Streamlit UI.
- VA-OpenSource-Audit: Self-hosted SOC dashboard for agentless vulnerability auditing. ClamAV antivirus management and OpenVAS/GVM scanning across Linux servers.
- xauusd-fvg-algo: XAUUSD multi-broker automated gold trading system. EMA 20/50 bias + Fair Value Gap (FVG)

entries. OANDA + TOOBIT integration. React dashboard with TradingView-style charts and Telegram alerts.  
sma\_cross\_scalp\_bot: 24/7 automated forex/CFD scalping bot. SMA 8/21/50 crossover on M1 timeframe. React dashboard, 75% profit booking logic, ATR consolidation filter.  
my-brain: Personal AI brain — knowledge management system with vector embeddings and semantic search for persistent AI agent memory.  
OBStat: Order book analytics and statistics platform. Market microstructure analysis for algorithmic trading research.  
crypto: Algorithmic trading system for XAUUSD and crypto markets. Python-based real-time price analysis and execution pipeline.

## COMMUNITY CONTRIBUTIONS

Actively contributing to high-impact open source AI projects: ruflo (40k+ stars) — AI Agent Orchestration Platform for Claude; RuView (59k+ stars) — WiFi CSI Spatial Intelligence Platform; RuVector (4k+ stars) — Real-Time Self-Learning Vector GNN Engine.

## EDUCATION

Bachelor of Computer Applications (BCA) — Rabindranath Tagore University  
Bachelor of Commerce with Computer Application — Kerala University  
12th — CBSE  
10th — CBSE

## CERTIFICATIONS

Red Hat Certified System Administrator (RHCSA) — Cert ID: 170-179-113  
Red Hat Certified Engineer (RHCE)  
Certified Ethical Hacking