MOHAMED FARHUN M

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Contact Information

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SUMMARY

AI-driven technologist working in Linux Infrastructure and Cloud Support at HCL Technologies, specializing in system automation, DevOps toolchain, and AI integration. Skilled in Autonomics, Linux administration, Cloud Operations (AWS/Azure), and AI-powered tool development. Experienced in building predictive AI models, implementing CI/CD pipelines with Jenkins and Git, and applying automation for real-time monitoring and incident prevention. Passionate about leveraging GenAI and intelligent automation to optimize enterprise operations and drive self-healing infrastructure. Prior hands-on AI development and multiple international hackathon wins.

PROFESSIONAL EXPERIENCE

HCL Technologies *(https://www.hcltech.com/)*   Madurai , India
Graduate Engineer Trainee (Rhythm Support Team)   *Nov 2024 – June 2025,*

- Supported AWS cloud activities such EC2 instance management, snapshot creation, volume expansion, and port checks.
- Handled server related tasks including reboots, NMI dumps, SG to instance mapping, and instance type changes.
- Managed cloud operations on AWS and Azure: server reboots, snapshots, SG mappings, port checks, and ODCR lifecycle. Led change management processes — created and executed Standard/Normal Changes, implemented timestamp validations, and followed 3-strike/human error prevention protocol.
  Managed infrastructure supports both Linux and windows-based environments

HCL Technologies   Madurai , India
Graduate Engineer Trainee (Linux Team)   *June 2025 – October 2025,*

- Resolve incidents and execute assigned tasks to maintain Linux server uptime and stability.
- Manage filesystems, monitor disk usage, and perform mounting/unmounting operations.
- Linux Troubleshooting and debugging
- Automated recurring tasks and incident triage via IRIS (ServiceNow) and shell scripting for efficiency improvement.
- Performed root-cause analysis (RCA) and implemented corrective automations to reduce repetitive incidents.
- Integrated Jenkins and Git (Bitbucket) for automated configuration management and deployment workflows.
- Worked with cloud consoles to diagnose and resolve infrastructure problems.
- Used git to push codes to Bitbucket to handle software configuration management via Jenkins.

Clairvoyant Software Technologies *(https://cstechnologies.biz/)*   Madurai , India
Machine Learning Engineer   *Jun 2023 – Jun 2024*

- Developed AI-enhanced predictive analytics for education using Python, Django, and Jupyter.
- Built models to forecast student performance and recommend academic pathways.
- Worked on integrating prebuilt AI agents for analytics automation and interactive insights.

Internship at clairvoyant software Technologies   Madurai , India
Programmer Trainee,   *March 2021 –April 2021*

- Prepared sample questions, fixed bugs, errors in their flagship product (https://www.examnr.io/)
- Supported backend debugging and feature updates for their flagship ed-tech platform

PAPER PRESENTED

Paper Publication *(https://ijariie.com/)*   Madurai , India
Team Leader,   *June 2023 – June 2024*
- Authored a research paper on "AI – Enhanced Predictive Analytics For Pathway Optimization in Higher Education "

CERTIFICATIONS

- ➢ Azure Fundamentals (AZ900)
- ➢ An introduction to ML, AI, GenAI and Chatgpt
- ➢ ITIL v4 Assessment

AWARDS AND ACHIEVEMENTS

Daisi Hackathon 2022 – Winners (Team)
- Developed innovative projects on the Daisi Platform using Python and Streamlit
- Stock market analytics tool (Python/Streamlit) – USD 2000 **(https://stockmarketanalysisdaisi.streamlit.app/)**

NEAR HACKS – Winner (Solo)
- Developed pioneering analytics dashboard for the NEAR blockchain.
- NEARVision blockchain analytics dashboard – USD 1000. (**https://nearvisionai.streamlit.app/**)

Miami Hack Week and Rootstock – Winner (Team)
- Developed a blockchain based agricultural insurance solution.
- Cryptographic Farming – USD 2350

Build with Celo 5 Hackathon – Winner (Team)
- Developed a decentralized payroll system, integrating OLAS AI agents.
- FusePay – cUSD 1000 (**https://fuse-pay.vercel.app/**)

EDUCATION

Academic percentage
- 96 % (SSLC)
- 82% (HSC)

B.Tech in Information Technology, Bannari Amman Institute Of Technology (2020 - 2024)
- CGPA: 8.86 / 10

ADDITIONAL

<u>Languages</u>: English, Hindi, Tamil
<u>Technical Skills:</u>
Automation & DevOps: Jenkins, Git, Bitbucket, Docker, Bash/Shell scripting, IRIS (ServiceNow), CI/CD, Change Management
Cloud & Infra: AWS (EC2, Snapshots, SG, Volume Ops), Azure, Linux Server Administration, Disk/File System Management, Monitoring & RCA
AI/ML & GenAI: Python, Django, Pandas, Lang Chain, AI Agents, Model Benchmarking, Predictive Analytics, Streamlit
Tools & Platforms: IRIS, Jupyter, GitHub , VS Code, Linux CLI
Soft Skills: Quick Learner, Teamwork, Attention to Detail, Resilience, Adaptability
Languages: English, Tamil, Hindi