
CHAITRA THIMMAIAH - AI LEAD

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Summary

Technical Lead with 10+ years of experience in AI and data automation, product engineering, and enterprise software development. Passionate about building scalable AI systems, deploying LLM-based applications, and architecting memory-enabled solutions across the entire AI development lifecycle—from experimentation and evaluation to production.

Experience

Omnicom Media Group / Annalect India - Lead - AI & Data Solutions 09/2021 - 06/2026

Role and Responsibilities

- Led AI adoption initiatives across engineering and business teams, driving enterprise-wide automation and innovation.
- Designed N8N and Dify workflows for reports and team management.
- Evaluated and deployed agentic and multimodal AI solutions for enterprise applications.
- Mentored engineers and graduate trainees on AI technologies, automation frameworks, and quality engineering practices.
- Partnered with clients and stakeholders to deliver scalable data platforms, analytics solutions, and data governance initiatives.
- Contributed to data mesh modernization, data quality engineering, and enterprise analytics architecture.

Key Impacts

- Increased AI tool adoption by **75%** and reduced architecture documentation effort to **30 minutes per design cycle**.
- Reduced production failures by **30%** through AI-driven issue detection solutions.
- Cut campaign validation and testing effort by **75%** while improving accuracy through GenAI-powered frameworks.
- Improved reporting efficiency by **40%+**, enabling faster business insights and decision-making.
- Reduced manual data validation effort by **80%** and improved defect detection by **40%** using automated quality frameworks.
- Increased data quality coverage and reduced reporting issues by **35%**, while enhancing governance across **10+ critical data platforms**.

Skills

- LLMs and LangChain
 - AI Evaluation - DeepEval, RAGAS
 - Agentic and Multimodal AI
 - Generative AI Automation, NLP
 - JIRA
 - LLM as a judge Evaluation
 - Python and SQL programming
 - API automation and integration
 - CI/CD with Jenkins
 - GitHub Actions and AWS
 - GCP and Snowflake management
 - Stakeholder and project management
 - AI governance strategies
 - Power BI reporting
 - Data analytics expertise
 - Customer KPIs, N8N, Dify
 - Tableau visualization
 - SWOT and DORA metrics
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Education

07/2015

Dayananda Sagar College of Engineering

Bengaluru

Bachelor of Engineering: Electrical & Electronics Engineering

Certifications & Licenses

- Generative AI Automation - Mabl University
- Building applications with GitHub Copilot agent mode - Microsoft

- Delivered AI-driven analytics solutions that improved campaign targeting effectiveness and business ROI.

Robert Bosch Engineering and Business Solutions - 07/2015 - 08/2021

Senior Product Engineer

Role & Responsibilities

- Led configuration, integration, validation, and user acceptance testing for embedded software products across global releases.
- Managed end-to-end testing activities, including communication protocol validation across software and hardware modules.
- Established and optimized testing environments to improve integration and release efficiency.
- Conducted quality audits, defect analysis, and root cause investigations to enhance product reliability.
- Collaborated with cross-functional global teams to coordinate testing, deployment, and release readiness activities.
- Contributed to innovation initiatives through IoT and sensor-based prototype development.

Key Impacts

- Reduced integration testing setup effort by **60%** through the establishment of a dedicated walking lab testing environment.
- Achieved a **25% reduction in production defects** through defect leakage analysis and quality improvement initiatives.
- Ensured reliable system performance by validating embedded communication protocols across **10+ software and hardware modules**.
- Developed an IoT prototype that converted haptic sensor vibrations into digital signals, demonstrating innovation in connected device solutions.
- Improved release coordination and deployment efficiency through successful collaboration with global teams across India and Germany.