

Durai Murugan

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PROFESSIONAL SUMMARY

Generative AI Developer with hands-on expertise in **SAP-based AI integrations** and intelligent automation. Skilled in developing enterprise-grade applications using **SAP BTP, CAPM, and Fiori/UI5**, integrated with **AI chatbots, Knowledge Graphs, and n8n workflow automations**. Demonstrates strong technical leadership, adaptability, and a passion for bridging **AI capabilities with enterprise-scale business systems** to drive innovation and efficiency.

EDUCATION

BHARATHIDASAN UNIVERSITY

MBA (MARKETING MANAGEMENT)

Aug 2023 – May 2025 | Trichy, India

BHARATHIDASAN UNIVERSITY

B.Sc. (CHEMISTRY)

Jun 2020 – Aug 2023 | Nagapattinam, India

TECHNICAL SKILLS

LANGUAGES & FRAMEWORKS

Python, SQL, JavaScript, Node.js, CAPM, SAP BTP, Fiori/UI5

AI & AUTOMATION

LangChain, Knowledge Graphs (Neo4j), AI Chatbots, RAG, n8n, Workflow Automation, Integration Pipelines

DATA & VISUALIZATION

Power BI (DAX, KPI Dashboards), Excel (Pivot Tables, Macros, VLOOKUP)

TOOLS

GitHub, Postman, SAP Integration Suite, VS Code, Notion, Google Colab, Cursor

SOFT SKILLS

AI-Driven Problem Solving, Technical Leadership, Collaborative Innovation, Adaptive Learning, Strategic Communication, Operational Agility

CERTIFICATIONS

IBM – Python for Data Science (2025)

Anthropic – Introduction to MCP(2025)

Google – Google Analytics (2024)

Microsoft – Excel Proficiency (2024)

Simplilearn – Digital Marketing (2024)

EXPERIENCE

IT RESONANCE | Generative AI Developer Intern

Jul 2025 – Present | Chennai, India

- Designed **AI-powered enterprise applications** using SAP BTP CAPM and Fiori/UI5
- Built a chatbot-driven productivity module for employee insights and automated status reports
- Created **workflow automations using n8n** to streamline data synchronization and email triggers
- Led the **Knowledge Graph Team** for ITRShift, integrating **Neo4j-based AI automation** into SAP workflows

ASIAN PAINTS | Customer Associate

Aug 2023 – Dec 2024 | Chennai, India

- Conducted customer trend analysis to enhance satisfaction and optimize targeted campaigns
- Developed automated KPI tracking systems, **improving business reporting efficiency**
- Reduced **manual data preparation time by 30%** through Excel process automation
- Collaborated with cross-functional teams to deliver **actionable insights** for marketing decisions

PROJECTS

EMPLOYEE PRODUCTIVITY APP

SAP BTP, CAPM, Fiori/UI5, AI Chatbot

- Developed a **full-stack enterprise app** using **SAP BTP CAPM and Fiori/UI5**
- Integrated an **AI chatbot** to fetch employee productivity and time data dynamically
- Automated performance summary emails, enhancing visibility for leads and managers

ITR SHIFT – AI AUTOMATION

Neo4j, n8n, SAP Integration Suite

- Led development of a Knowledge Graph to represent **SAP integration package** relationships
- Implemented **graph-based entity linking** using **Neo4j** to improve traceability and system intelligence
- Built **automation pipelines** with n8n, reducing repetitive integration tasks by 40%