

Dharshan AN

+91 9483937849 — andharshan@gmail.com — Bangalore, Karnataka

GitHub: github.com/Dan-Arnin — LinkedIn: linkedin.com/in/dharshan-a-n-75b9a720b

EXPERIENCE

L1 AI Consultant, Connection Consulting Group

Apr 2024 — Present

Bangalore, India

- Led design and implementation of Generative AI solutions leveraging **Oracle Cloud Infrastructure (OCI)** to streamline enterprise workflows
- Built advanced Retrieval-Augmented Generation (RAG) systems, improving accuracy and reducing response time by **40%**
- Enhanced Smart OCR capabilities with cutting-edge models, boosting document efficiency by **30%**
- Developed Text-to-SQL application with Oracle ADW/ATP and Oracle 23AI DB, reducing query time by **30%**
- Collaborated with global teams in **ERP system deployments across ME and Europe regions** to deploy multi-agent AI systems at scale
- Utilized state-of-the-art LLMs (GPT-4o, Mistral-Large, Llama 3.x, Mixtral-8x22B) with LangChain & LlamaIndex for automation

Machine Learning Intern, GaugeAI

Oct 2023 — Apr 2024

Remote

- Designed database architecture in MySQL and Python backend using FastAPI, reducing API response time by **20%**
- Implemented websockets enabling parallel sessions, enhancing system scalability
- Integrated LLMs with Guidance and LangChain frameworks, achieving **30% improvement** in conversational accuracy
- Built guardrail systems for secure querying, reducing vulnerability incidents by **40%**

SKILLS

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|------------|--|
| Languages | Python, Java, C, C++, C#, JavaScript, SQL |
| AI/ML | TensorFlow, PyTorch, Scikit-Learn, LangChain, LlamaIndex, RAG Systems |
| Cloud | Oracle Cloud (OCI, Gen AI, 23AI), AWS (EC2, Lambda, Cognito, Bedrock, Bedrock Agents), GCP |
| Databases | Oracle DB, ADW, ATP, MySQL, MongoDB, QDrant, Weaviate, DynamoDB |
| Frameworks | FastAPI, Flask, Express.js |
| Tools | Git, Docker, Streamlit, Chainlit, Kubernetes |

PROJECTS

PRPO (Purchase Requisitions Orders) ERP AI Agent

- Built PRPO agent using **OCI Gen AI Grok & Maverick models** as Text-to-SQL engines hosted on Kubernetes for ERP systems
- Enabled retrieval of PO, GRN, Receipts, etc., with advanced template-level retrieval from ATP
- Improved procurement query resolution efficiency by **40%** across ERP deployments in ME & Europe regions

HRMS & Financial Expense AI ERP Agent

- Developed AI-powered HRMS & Financial agents hosted on Kubernetes integrated with ERP system
- Automated leave, expense, and document submissions via OCI Gen AI, improving workflow automation
- Reduced manual HR/finance effort by **35%** for 500+ active users

Disaster Recovery (DR) Setup for Cloud Workloads

- Designed automated DR pipelines for **OCI Functions, API Gateways, & Integrations**
- Ensured replication across India & Europe regions, strengthening continuity and compliance
- Reduced Recovery Time Objective (RTO) by **45%**, improving resilience

MCP Server on AWS Lambda with Bedrock Integration

- Created MCP server using **AWS Lambda** with **Cognito authorization** and **API Gateway**
- Integrated **Amazon Bedrock** with DynamoDB as a unified querying layer
- Enabled seamless retrieval of data from **200+ APIs**, significantly improving data accessibility

EDUCATION

Bachelor of Engineering - B.E., AI and ML, New Horizon College of Engineering

2020 — 2024

Bangalore, India

CGPA: 9.54/10

ACHIEVEMENTS

- Winner, Hackzon 2022 — Group Innovation Hackathon, NHCE
- Runner-Up, Builders Camp Hackathon 2023 — AWS & Intel
- Runner-Up, Code Your Fighter (Phaseshift 2022), BMS College
- Second Runner-Up, NMIT Hacks 2023 — 48-hour Intercollegiate Hackathon
- Participated in 15+ Hackathons & Competitions