

# Dharshan AN

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## EXPERIENCE

### L1 AI Consultant, Conneqton 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

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

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

**2020 — 2024**  
CGPA: 9.54/10

## ACHIEVEMENTS

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- 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