

# Bhadra Mohan

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Looking to join a reputable organization that offers a dynamic work environment and encourages professional growth. Passionate about AI and developing skills to excel in my career and driven to contribute to the company's success by achieving objectives and overcoming challenges.

## EXPERIENCE

### Bourntec Solutions

June 2024-December 2024

#### PDF QUERYING SYSTEM

- Developed solutions for efficient PDF querying and text extraction, enhancing document searchability.
- Implemented embedding models using LangChain for vector-based document representation, leveraging ChromaDB for optimized storage and high-performance querying of large datasets.

#### PII Masking in JSON

- Created a solution to identify and replace PII in JSON files with synthetic data, using presidio-analyzer for PII detection and additional tools for JSON processing.
- Used presidio-analyzer for detecting PII in JSON files, enabling privacy-focused data masking.

#### MIB PARSER

- Developed a MIB parser to extract, compile, and query SNMP OIDs and types from MIB files.
- Integrated MySQL database storage to save parsed OIDs and their types, allowing efficient querying and data management.
- Configured and enabled SNMP services on Windows to facilitate live SNMP data querying and testing.

## ACHIEVEMENTS

- Google AI Essentials certificate - Coursera
- GEN AI Prompt engineering certificate - Coursera
- AI Club - Team Lead (2023-2024)
- Python Programming Certification - LLC Certifications

## SKILLS

Python  
Retrieval Augmented  
Generation  
Large Language Model  
MySQL  
FASTAPI  
Git

## EDUCATION

### Adi Shankara Engineering College, Kaladi — *B-Tech*

2021-2024

Bachelor of technology in  
Computer Science &  
Engineering (AI)

### Government Polytechnic College, Chelakkara — *Diploma*

2018-2021

Diploma in Computer Science  
& Engineering