Anirban Mitra

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EXPERIENCE

Microsoft IDC, AI ERP – *Senior Software Engineer*   *3/22 - Present*

Time Entry Agent : As part of a vision of autonomous ERP, Architected and delivered Time Entry Agent by leading a team of junior and mid level engineers. TEA is a LLM powered RAG capable of scheduled time entry creation, report generation, submission while reducing delayed invoicing cost by 21% and reducing meta work by 70%. Done in multiple phases while GA to be announced in early 26.[**https://aka.ms/AAw8d07**]

Time Copilot : Led and developed copilot feature for Time module capable of creating schedule and time entries, generating reports with both NLQ and action based interactions by leveraging LLM, intelligent control.

On-demand Contract Line Based Revenue Recognition :
Engineered an **on-demand Contract Line Based Revenue Recognition** feature, integrating CE and FnO systems; expanded from single to multiple contract lines, leveraging OData service for diverse project aspects and enhanced functionality.
Adapted by 3 major customers resulting in 28% increase of MAU of the module. **[https://aka.ms/AAqoohj]**

Distributed Dual-write : Proposed in hackathon and later led a cross functional team collaboration to realize a limited geo implementation of a decentralized, async multi-platform, **data agnostic**, **event based** CRU framework (for Project Budgeting business logic initially) which saved ~**40%** events drops, **20%** e2e travel time for **p95** events.

Cohesity India — *Member of Technical Staff*   *6/18 - 3/22*

Source Side Deduplication-based backup using **Rabin Fingerprinting**, with **brick** support.*

Bare Metal Restore: p2v/v2p. **Parallel File backup/restore.** Support **Microsoft DFS/SMB2 referral**

Misc : **Efficient File-Restore,** and **Volume Restore**.

INTERNSHIP

IBM India Software Labs — *Brokering PaaS and SaaS Services*

MAY 2017 - JULY 2017

A recipe recommendation system for solutions. Derived from the structured data from user's requirements and the unstructured data from cognitive features extracted from the learning modules along with **Watson's Sentiment Insights**.

EDUCATION

IIT ROORKEE – M.Tech in CS
May 2018   8.12/10.0

SKILLS

C++, Python, NodeJS, Java, X++, React, Azure

Patents Applied

Utilizing Fixed-Sized and variable-length data chunks to perform source side deduplication(17/731,056)*

PUBLICATIONS

Author: Mitra A. **Thermal Comfort Index Estimation and Parameter Selection Using Fuzzy Convolutional Neural Network**. ICANN 2018. LNCS, vol 11139. Springer.**

Co-Author: Sharma A, **Mitra A. Estimation of Air Quality Index from Seasonal Trends Using Deep Neural Network**. ICANN 2018. LNCS, vol 11141. Springer.***

AWARDS/ ACHIEVEMENTS

Microsoft IDC: AI hackathon(2022) Runner up

Cohesity **Green CAP 2018** (Best performer).

GATE CSE 2016 AIR **332**

Misc.

2X Exceptional Impact @Microsoft
Scrum Master @Microsoft
Teaching Assistant@IITR

Founder @ **TripWyz**, a Trip Planner : https://tripwyz.ai/