

UBAID MAJIED

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SKILLS

Skills: C/C++, C#, Python, Azure Devops, JavaScript, Pytorch, Microsoft Semantic Kernel, RAG Pipelines, Microsoft Semantic memory, Large Language Models, Vector databases, Microsoft Azure, langchain, LLM Finetuning, Azure message queues, HuggingFace, SQL, Transformers, Oracle, PostgreSQL, MySQL, NoSQL, ReactJS, Azure Blob Storage, .NET, Django, Firebase, AWS, REST APIs, Docker, Flask, Data Structures & Algorithms, PLSQL, Linux/Unix, Git, Flutter, NLP, NumPy, Pandas, github

PROFESSIONAL EXPERIENCE

University of California Riverside

Riverside, CA, USA

Directed Researcher, Generative AI

September 2023 - March 2024

- Fine-tuned of language/transformer models such as Mistral 7B, Medron 7B, Zephyr 7B for specialized downstream tasks in Finance, Medicine, Law.
- Hosted the Fine-tuned Models on the Cloud(AWS) and created Retrieval Augmented generation systems using Langchain, HuggingFace
- Created AI agent to generative QA datasets from the text for evaluating RAG systems and fine-tuning language Models
- Created AI agents to perform witness testimony analytics and resume review.

Ainstein

Irvine, CA, USA

Software Engineer, Generative AI

July 2023 - September 2023

- Implemented chat with documents feature(RAG), allowing users to upload documents to the AI chatbot and chat with them using LLMS , C#, Python, .Net, Semantic Memory, Vector databases, Azure, leading to an increase in user productivity.
- Developed Instant Voice Cloning, enabling users to clone their voices for AI chatbot interaction using C#, .NET, ReactJS, HTML/CSS resulting in a 25% increase in user engagement.

Indiamart

Noida, Uttar Pradesh, India

Software Engineer

September 2021 - June 2022

- Implemented various PLSQL procedures that performed data extraction buyer-seller matchmaking, Fraud Detection, Personalized recommendations and dynamic pricing.
- Designed and managed E-commerce Databases(PostgreSQL, Oracle, MySQL) to store buyer purchase requirements, buyer-seller transactions, and seller product information
- Implemented machine learning algorithms using Python, Numpy, Pandas, Pytorch for buyer-seller matchmaking, resulting in a 20% increase in successful matches and a 15% improvement in overall transaction efficiency within the B2B e-commerce platform.
- Resolved deadlock processes on GCP and AWS servers by implementing efficient kill processes, ensuring uninterrupted server functionality and smooth operations.

Indiamart

Noida, Uttar Pradesh, India

Software Engineer Intern

March 2021 - May 2021

- Performed SQL query optimization, resulting in a 30% reduction in query execution time and a 25% improvement in database performance.
- Created triggers and indexes on the databases, enhancing data integrity and improving query performance by 20%, thereby optimizing overall database efficiency.
- Scheduled jobs using Linux cron, automating routine tasks and ensuring timely execution of critical processes, thereby reducing manual intervention.
- Conducted error monitoring, troubleshooting and implemented load-balancing strategies on servers, ensuring error-free execution and optimal resource utilization.

IdeaRise

Bengaluru, Karnataka, India

Software Engineer Intern

January 2020 - February 2020

- Developed a authentication system for a car rental web application for a client using Django, HTML/CSS, Python.
- Containerized and deployed the application on AWS EC2 using Docker, enabling scalable and efficient deployment.

EDUCATION

University of California - Riverside

September 2022 - March 2024

Master's, Computer Engineering

GPA: 3.4

- Machine Learning, Natural Language Processing, Data Mining, Artificial Intelligence, GPU, Parallel programming,- Advanced Computer Architecture, Advanced operating systems, Deep Learning Algorithms

NIT SRINAGAR

August 2017 - June 2021

Bachelor's, Computer Science

GPA: 3.2

- Digital Electronics, Databases, Operating Systems, Computer Networks, Object Oriented Programming using C++, Data Structures, Design & Analysis of Algorithms, Software Engineering, Cloud Computing, Advanced Java, Neural Networks.