Shirin Siddiqui

Contact

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Education

Post-Graduation in Artificial Intelligence
Georgian College
2022 - 2023

Bachelors of Computer Engineering
Singhad Academy of Engineering
2016 - 2020

Key Skills

Methodologies:
SDLC, Agile, Waterfall

Frontend programming:
HTML, CSS, jQuery, JSON, Bootstrap

Backend programming:
Python, PHP, JavaScript, NodeJS.

Frameworks:
React.js, Express.js, Codeigniter, Laravel, Django

Self Managed & Hosted API LLMs:
NeMo Framework, HuggingFace, OpenAI

Databases:
MySQL, MongoDB, PostgreSQL

Cloud Computing & Containerization:
AWS (S3, EC2), GCP, Azure, Docker

Task Tracking Tools:
Git, Jira

Profile

Experienced Senior Software Engineer with more than 5 years of expertise in developing scalable backend applications using Python. Proficient in designing high-volume data processing pipelines and familiar with machine learning infrastructures. Adept at leading cross-functional teams and mentoring junior engineers, with a track record of delivering complex, multi-engineer projects efficiently for big enterprises.

Professional Experience

PayU - Software Developer (Fintech)
India | 2019 - 2022

+ **Meta (Facebook)** - Developed the payment system for Facebook's No-Cost EMI CC payment flow for Indian advertisers designed to handle millions of dollars' worth of national and international transactions in Node.js.
Further improved the system by reducing transaction losses, handling missing transactions and trained Junior Developers.
+ **Federal State Power Distribution** - Developed a robust and self-maintaining payment system for CSPDCL, which serves the Federal state in India. Designed to handle thousands of concurrent clients and millions of dollars' worth of transactions using Python Django Framework**.**
+ **HDFC, IDFC and Various Banks** – Collaborated with building online payment services for HDFC, IDFC and Several Other Banks using Python.

Music Lessons Barrie – AI Software Developer
Canada | 2022 – 2023

+ **Sales AI Bot** – Developed an in-house LLM integration for a sophisticated sales AI chatbot to answer user specific queries.

Resonance - AI Engineer (Software)
Canada | Present

+ **Sales AI Bot** – Innovating an in-house LLM integration for a sophisticated sales AI chatbot, utilizing OpenAI LLMs and Huggingface embedding models.
+ **Leading the design and implementation of AI-driven features, enhancing customer engagement and operational efficiency.**

Personal Accomplishments

+ Published a chapter in wileys library book, handbook of computational sciences research paper on Light Fidelity (LiFi) technology
+ Ranked as one of the Top 100 Engineers by The Economic Times
+ One of top 20 people to receive fellowship training in Ethereum from OpenZepplin and major Leaders in Blockchain.
+ Winner of major Hackathons organized at National Levels