

Soumya Mukherjee

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SUMMARY

Seasoned developer with expertise in full Stack Web development using PHP and MySQL, and in delivering data centric AI/ML solutions leveraging Azure services and open AI APIs. Seeking a position to apply my skills in solving business problems and enhancing efficiency through AI/ML technology. Currently working as a Computer Teacher, delivering comprehensive lessons on computer fundamentals, programming, and digital skills to students at home.

- Web/API /Database
- Python and PHP
- Artificial Intelligence
- Networking
- Cloud Computing

EXPERIENCE

AI / ML Developer

Trainee

📍 Kolkata WB

📅 Jan 2024

Completed preparation to deliver business outcomes through AI / ML projects undergoing comprehensive training in Azure Artificial Intelligence and Machine Learning services. Undertook multiple projects utilizing OpenAI technologies, demonstrating practical application and in-depth understanding of these services covering various business scenarios ranging from AI search, anomaly detection, clustering, vision API, document analysis to chatbot using Large Language Model / LLM including ChatGPT.

- **Custom Search using Azure Open AI services:** Project leveraged built-in Cognitive Skills inside Azure Cognitive Search combining it with custom skills using extensibility to solve custom search solution that allowed end user to search from images, handwritten documents, audio and video files from various sources. The architecture utilizes Cognitive Search capabilities of Azure to derive insights from almost any data sources.

Full Stack Developer

Missing Link, Cursor Technology

📍 Kolkata WB

📅 Jun 2022– Dec 2023

As a PHP Developer, provided expertise of core PHP concepts, advanced programming techniques, and best practices. Provided ongoing maintenance and support in designing, managing MySQL and optimizing code and database queries to ensure high performance.

- **Ongoing Support:** Managed application and database support addressing record number of client tickets. Resolved major performance challenges to reducing database and application latencies.

Computer Programming Coach

Self Employed

📍 Kolkata WB

📅 Oct 2015 – July 2020

Developed and delivered customized computer lessons for students of various skill levels, focusing on basic computer literacy, software application, and programming.

- Coached Python, java, Html and other programming languages to students receiving positive that resulted 90% retention rates and increased referrals.



Collaborated with other Engineers, IT staff and departments to ensure seamless integration and operation of the network.

- Monitored network infrastructure to detect and resolve issues improving availability from 71% to 98%.
- Optimized router and switch configuration to enhance network performance.

EDUCATION

- Bachelor of Technology (Information Technology) from JIS College of Engineering, Kalyani, Nadia- West Bengal DGPA of 7.41.

TRAININGS

- Python and AI
- PHP web design SEO training at DOCC(<https://docckolkata.com/>)(2021-22)
- Python training from UDEMY(2024)

TECHNICAL AREA OF EXPERTISE

- Python
- Artificial Intelligence
- Azure Open AI
- MYSQL
- HTML
- PHP
- Azure Hosting
- Learning React.js