Muhammad Yasir Siddique
E: yasir.siddique2009@gmail.com | C: +923314289205

- Highly skilled and experienced software engineer with a strong background in API development (GoLang, Node.js, Java, Python & Scala), database management (MySQL, PostgreSQL, MS SQL, MongoDB, Redis, and Firebase), and machine learning along with deployments on AWS Cloud (both manual & auto deployments using Github Actions, CodeBuild, CodeDeploy, CodePipeline, & Terraform). I've got an experience on mobile app development using cross-platform as well as native iPhone & Android app development.

- Having worked as software architect as well as leading multiple development teams, and training new resources I'm right now working on a highly challenging R&D work based on Large Language Models (LLM) commonly known as ChatGPT & MLOps where I'm responsible for optimizing the models for deployment & inference over the NVIDIA Triton Inference Server

Education

- **Masters (MS) in Computer Science**
  Lahore University of Management Sciences (LUMS), Lahore | August 2012 - December 2014

Key Skills

●●●●●
API Development

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Mobile App Development

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Machine Learning / LLM (ChatGPT)

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DevOps & MLOps (AWS)

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Leadership

Languages

●●●●●
GoLang

●●●●○
Java

●●●●○
NodeJS

●●●●○
Python

●●●○○
Scala

Professional Experience

- **Lead Software Engineer**
  MetaApp Pvt Ltd. (eBricks Inc.) | August 2014 - Present

  - Worked on in-house products as well as third party employee in enterprises like Citrix Systems (https://www.citrix.com) & Hathway Inc. now Bounteous (https://www.bounteous.com)

  - Develop and maintain high-quality software solutions using GoLang, Java, Javascript (Node.js & ReactJS), Python, and Scala

  - Utilize SQL and NoSQL databases, including MySQL, PostgreSQL, MS SQL, MongoDB, Redis, and Firebase, to ensure efficient data management and retrieval.

  - Participate in code reviews and contribute to improving coding standards and practices.

  - Mentor junior team members and provide technical guidance and support.

  - Build and optimize RESTful APIs for seamless integration with various systems and applications.

  - Utilize the ChatGPT APIs & LangChain to develop conversational AI solutions as well as working on raw LLM models

  - Assisted in the development and deployment of machine learning models. Involved in MLOps, deploying, maintaining, and optimizing infrastructure for machine learning models in production using NVIDIA Triton Inference Server, Mxnet Inference Server, & AWS Sagemaker

  - Collaborate with cross-functional teams to gather requirements, design system architectures, and implement scalable solutions.

  - Worked on large-scale enterprise projects, collaborating with remote and on-site teams to deliver high-quality software solutions.

  - Utilize AWS services for infrastructure setup, deployment, and maintenance.

  - Apply DevOps practices to streamline the software development lifecycle andensure continuous integration and delivery.

  - Employ machine learning techniques to develop intelligent algorithms and enhance system functionality.

  - Troubleshoot and debug software issues, providing timely resolutions and maintaining high levels of system performance.

- **Software Engineer**
  GameView Studios Pvt. Ltd. (subsidiary of DeNA Co. Ltd.) | June 2011 - August 2014

  Assisted in the development and deployment of cross-platform as well as native mobile apps, games & game state servers.