Chennai, India   8667877361
                                                                        VISHALNIKHIL0307@GMAIL.COM

NIKHIL B

https://github.com/Nikhil0307   https://nikhil0307.github.io/nikhil.github.io/

PROFESSIONAL SUMMARY

Enterprise level developer with a strong passion for leveraging technology. I am eager to continue my journey as a dedicated software developer, contributing my skills and enthusiasm to create impactful solutions.

EMPLOYMENT

SDE, Software Developer   **ZOHO CORPORATION**   **JUN 2023 - CURRENT**

- Worked on enhancing the speed and efficiency of ML workflows, demonstrating my commitment to optimize the inference performance.
- Designed and implemented a distributed cache (Proof of Concept) to enhance data retrieval, storage efficiency and interoperability using gRPC.
- Contributed to the no code machine learning platform by implementing various wrappers and utilities.
- Reduced the spanning of multiple docker containers to host each individual machine learning feature resolved by unifying the ML model stage.
- Developed Client side or Browser side ML model inference which results in faster predictions.
- Leveraged Knowledge in gRPC, ONNX, ProtoBuf

SDE, Project Trainee   **ZOHO CORPORATION**   **AUG 2022 - MAY 2023**

- Implemented an for memoizing the ML model inference results with respect to input values which removed redundant inference and reduced the time taken for an request (consumed by various ML features)
- Created a recipe web application using java spring and optimized search suggestions using caching, learned about making applications distributed.
- Leveraged Knowledge in Servlets, Struts,Spring, MySql internals, Machine learning, pickle(python) internals.

SDE, Summer intern   **ZOHO CORPORATION**   **APR 2022 - MAY 2022**

- Implemented a simple gmail clone backend application with crud operations using php.
- Developed a tic-tac-toe game with 3 levels of difficulty and implemented min-max algorithm for difficulty level and then optimized further using alpha-beta pruning.
- Created a simple cab booking application with a short time span of 1 day.
- Leveraged Knowledge in PHP, dynamic programming, MySql, JVM(java)

SKILLS

Software: Python, Java, Scala, cherryPy, Servlets, Spring, gRPC, ONNX, ELK stack

EDUCATION

CHENNAI,INDIA   **VELTECH MULTITECH**   **AUG 2019 - APR 2023**

- **Major:** COMPUTER SCIENCE ENGINEERING , B.E (CGPA: 7.96)
- **Programming CourseWork:** Data Structures & Algorithms, Operating System, Computer Networks
- **Projects:** Recipe Web Application, Gmail Application, Vehicle Mileage Prediction

UNIVERSITY PROJECTS

PERSONAL WEBSITE :   https://nikhil0307.github.io/nikhil.github.io/

RECIPE WEB APPLICATION
-    Developed a Recipe web application using struts, servlet and spring in backend to gain knowledge on how to work with an old app server running on struts integrated with spring technology.
-    Designed and implemented a cache to reduce the backend calls.
-    Optimized search module in application using Apache Lucene.
-    Utilized: java, struts2, servlets, spring, MySql, HTML, CSS,caching, Apache Lucene,

CAB BOOKING WEB APPLICATION
-    Designed and developed a simple cab booking application using php and mysql for backend.
-    Used MapBox API for map for user/ customer to select the location and driver to get directions.
-    used twilio API to send OTP to the registered mobile number of the user for logging-in.
-    Utilized: PHP, HTML, CSS, JavaScript, MySql, MapBox API, twilio

VEHICLE MILEAGE PREDICTION
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