Wasim Akram Khan
Machine Learning Engineer

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SUMMARY

Machine learning engineer with more than 9 years of expertise in design, development, testing, and deployment; using various languages. Skilled in developing codes and algorithms as well as building complex ML models across diverse industries. Possess an unbridled passion for Machine learning with comprehensive knowledge of Data Science and ML concepts and other related technologies. Unmatched abilities to identify, understand, and translate program requirements into sustainable, advanced technical solutions for continuous improvement of AI technologies. Proficient in collaborating with a high-performing team of 10+ members to develop solutions for slashing costs and optimizing time for catapulting business growth.

KEY SKILLS

Machine Learning Model Development, Data Collection & Analysis, Data Visualization, **Predictive Modelling, System Design & Development, Data Integrity, Model Enhancement**, **Dataset Building, Time Optimization, UI Design, Team Collaboration**

TECHNICAL SKILLS

Tools and Languages: Python, SQL, C#, AWS, Azure, GCP, Jupyter notebook

Packages: Pandas, SciKit Learn, Numpy, Tensorflow, Keras, Pytorch, SciPy, Matplotlib, NLTK, spaCy, Stanza

Statistics/Machine learning: Exploratory Data Analysis, Regression & Classification, Clustering, Deep Learning, Natural Language Processing

EXPERIENCE

TECHNICAL LEAD – AI ENGINEERING: CITIUSTECH HEALTHCARE, MUMBAI, INDIA   **SEP, 2021 - PRESENT**
CitiusTech is a leading consulting and digital technology provider to 130+ healthcare and life sciences companies.
- Extracted Data from different client databases including SQL, API, and virtual virtualization tool.
- Curating **custom data pipelines** using GCP dataflow which reduced manual effort and **optimized solutions by15%.**
- Visualized Data using Python libraries, BigQuery, and Google data studio.
- Designed web scrapping tools to **generate 50% of data** used for training the model.
- Build Physician classification models by **employing Stanza with 98% accuracy** based on queries by the users.
- Played a key role in designing ML algorithm for identifying medical experts from **10M+ data points**.
- Appreciated by **client and team** throughout the project timeline for achieving targets.

APPLICATION DEVELOPMENT SENIOR ANALYST: ACCENTURE, MUMBAI, INDIA   **MAY, 2019 - SEP, 2021**
Accenture is specialized in information technology services and consulting. A Fortune Global 500 company.
- Design and development of an architecture for MS Project and Dynamic 365 integration by leveraging Azure & AWS services.
- Cloud cost optimization, migration, and value realization which reduced business cost by 9%.
- Build complex **function apps, lambda functions, and APIs** to cater to application integration needs.
- Created an extensive CI/CD pipeline for code deployment by engaging Git and Azure DevOps.
- Received Prestigious **Accenture Ace Award** for surpassing targets by 15%.

CONSULTANT: CAPEGEMINI, MUMBAI, INDIA   **JAN, 2017 - MAY, 2019**
Capgemini is a consulting, technology services, and digital transformation company and has a presence in over 50 countries.
- Development of a one click cloud migration app that **saves the organization 1M+ of migration costs**.
- Received reputed **Out of Box award** for building an innovative solution.
- Collaborated with a team of 7 developers to create the backend for 3 apps.

JUNIOR SOFTWARE DEVELOPER: PCS TECHNOLOGIES, MUMBAI, INDIA   **JUL, 2014 - DEC, 2016**
PCS is a leading IT solutions company, delivering customized solutions and services for businesses.
- Completed development and maintenance of LIMS application for more than **200 Client labs**.
- Participated in the Scrum meeting & Unit tested software components.
- Curated and maintained technical documentation.

SOFTWARE DEVELOPMENT EXECUTIVE: KANAL SOLUTIONS LIMITED, MUMBAI, INDIA   **JAN, 2013 - JUL, 2014**

KSL is a leading solution provider for offering various Products for technology driven customers.

- Understood and analyzed the requirements with stakeholders.
- Designed and coded multiple Web, windows, and service-based **applications and 5 sub-systems.**

EDUCATION

Master of Science in Machine Learning & AI,   **APR, 2022 - PRESENT**
Liverpool John Moores University – Perusing

Post Graduate Diploma in Machine Learning & AI   **MAR, 2021 - APR, 2022**
International Institute of Information Technology

Bachelor of Engineering in Information Technology,   **JUN, 2007 - AUG, 2012**
University of Pune **Collaboration**

PROJECTS

- Telecom Churn Case Study – Advanced regression
- Gesture Recognition – Deep Learning
- Credit Card Fraud Detection
- Melanoma Detection – Deep Learning
- Custom NER in healthcare – NLP

RECOGNITION

Capgemini-Sogeti Out of the box award - 2019

Accenture ACE award - 2020

CitiusTech Certificate of appreciation – DataOps - 2022

OTHER SKILLS

Languages: English, Hindi, Arabic