Istiyak H. Siddiquee

RA @ UniKlinikum, Magdeburg, DE.

👤 2 July, 1992

✉ J.G.-Nathusius-Ring 8, 39106 Magdeburg.

📞 +49 176 37133755

@ istiyaksiddiquee@gmail.com

🌐 http://istiyaksiddiquee.com

Tech Skills ─────────

MachineLearning	DeepLearning	NLP
XAI	Fairness	LaTex	Spark	PyTorch
Tensorflow	MLOPs	MLFlow	KubeFlow

| Docker | Kubernetes | Terraform | Ansible |
| GCP | aws | DigitalOcean | Helm | istio |

Java	Python	NodeJS	Golang	Spring
Jasper	Hibernate	django	flask
gin-gonic	NestJS	Angular	TypeScript

| MongoDB | PostgreSQL | MySQL | TSQL |

Git	GitLab	maven	gradle	Jenkins
Vagrant	Bash	UnitTesting	JUnit
TestNG	Jasmine	Mocha	SonarQube

Professional Certifications ───────

🏅 GCP: Architecting with Google Compute Engine | Coursera Specialization 🌐

🏅 AWS: Ultimate AWS Certified Developer Associate 2021 | Udemy course on AWS 🌐

Professional Experiences

Jan '21 – Present	**Wissenschaftliche Mitarbeiter** Universitätsklinikum Magdeburg In charge of building and maintaining a MEAN stack server, related to a PhD study.
Dec '20	**Python Developer** ReSale GmbH Built a high performant, memory efficient, multi-threaded framework for web scrapers, completely in Python
Nov '17 – April '18	**DevOps/Full-Stack Developer** Orion Informatics Ltd. Developed and maintained web server in Typescript, Angular, Java, MSSQLServer, etc. Developed a CI pipeline with Docker, Groovy, TestNG, SonarQube, and Jenkins pipeline as code.
Nov '14 – Nov '17	**Back-End Developer** BizMotion Ltd. Designed, developed, maintained a business automation software in Java Spring, with Hibernate, PostgreSQL, etc.

Recent Academic Projects

April '21 – Present	**Evolution of Weekly Avg. Sentiment due to COVID	🎧** A seminar project to understand the changing nature of sentiment due to COVID-19
April '21 – Present	**NL2SQL and Table Summarization** Scientific team project on natural language to SQL and table summarization
April '21 – Present	**Automating the deployment in GCP** A team project for automating the deployment to GCP using Terraform, Ansible, Docker
May '21 – June '21	**COVID and Avocado - An ML project in GCP	🎧** A course project for understanding the usage of GCP in the field of ML
Dec '20 – July '21	**Fair Recommendation in Research	🎧** Scientific team project to investigate the fairness issues of recommendations engines.
Aug '20 – March '21	**Medical Image Registration using Deep Learning** Scientific team project MRI image registration using DL.
June '20 – Aug '20	**Genre Detection of Gutenberg Corpus	🎧** Genre detection using linguistic features of the highly imbalanced dataset of 19th century fictional literature.

Publications

| May '21 | **Abstract - A Comparative Study of Deep Learning Based Deformable Image Registration Techniques | 🌐**
 ISMRM 2021 |
| June '21 | **Book Contribution - Advances in Streamflow Forecasting — from Traditional to Modern Approaches | 🌐**
 Elsevier Limited, Oxford, UK. |

Educational Background

| Oct '19 – Present | **M.Sc. in Data and Knowledge Engineering**
 Otto-von-Guericke University of Magdeburg, Deutschland.
 Running CGPA - 1.7 |
| Feb '10 – Nov '14 | **B.Sc. (Eng.) in Computer Science and Engineering**
 Shahjalal University of Science and Technology
 Sylhet, Bangladesh
 CGPA - 3.22 |