M Haseeb Asif

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SKILLS & TECHNOLOGIES

Data Technologies	Apache Flink, Apache Spark, Apache Hadoop, Apache Kafka, MSMQ, RabbitMQ, MySQL, PostgreSQL, MS SQL Server, Elastic search, Apache Airflow
Back End	Java, Python, C#, .NET, ASP.NET Web API, Asp.Net, Node.js, Express
Front End	JavaScript, Durandal.js, React, CSS3, Bootstrap, HTML5
Management	Talent acquisition, on-boarding, performance and project management
Others	Docker, Microsoft IIS, Nginx, haproxy, Azure/AWS, Ansible,, Scikit learn, Jupyter notebook

EXPERIENCE   10+ years

Big Data Researcher - Masters thesis | RISE | Stockholm, Sweden   Jan 20 – Nov 20
Developed a new state backend for Apache Flink which reduced the reconfiguration delays to a few seconds irrespective of how large the state size. We explored the possibilities of decoupling and externalizing state to NDB from local stream compute nodes while maintaining the same consistency guarantees provided by the underlying, orthogonal snapshotting mechanism for Apache Flink.
Speaker at Flink Forward 2020, Beam Summit 2020.
Open source contributor for Google Season of Doc 2020 on Apache Flink

Senior Technical Consultant | Ernst & Young | Stockholm, Sweden   Jun 20 – ToDate
We work with IT leadership of tech corporations to help them identify R&D activities in their engineering organizations. As part of this role, I am responsible for end to end project delivery, starting from pitching to the client, doing technical workshops, and delivering to the clients after completed by the team. I have already advised some of the major IT clients across the nordics to get the innovation incentives

Blockchain Developer - Working student | Telekom Innovation Laboratories | Berlin, Germany   May 19 – Jul 19
We developed a POC system, DiLLaS, for three major shipment vendors in Europe. DiLLaS is an IoT and Blockchain solution that offers a new and unique view on shipment events data for logistics companies and their partners. These views create a detailed insight and transparency of significant security and safety events during the shipment. Additionally, by storing them in the distributed ledger, a trusted and decentralized recollection of the events of the shipment is created. I worked on
- Setting up blockchain (hyper ledger fabric block),
- Implementing authentication and authorization (google OAuth 2.0 and JWT)
- Building a company dashboard (React Native and Node JS)

Python Data Engineer - Working student | SimpleSurance | Berlin, Germany   Nov 18 – April 19
Worked closely with BI team to ingest data into the internal system and manage the infrastructure. Automated deployments using Ansible, supervisor while working with the dev ops team.
- Skills: Python, Ansible, supervisor, AWS

Manager, Software Engineering | S&P Global | Islamabad, Pakistan   July 13 – Oct 18

S&P Global Market Intelligence is a fortune 500 company which integrates financial and industry data, research and news into tools that help track performance, generate alpha, identify investment ideas, understand competitive and industry dynamics, perform valuation and assess credit risk. Investment professionals, government agencies, corporations and universities globally can gain the intelligence essential to making business and financial decisions with conviction.

- Management Responsibilities
    - Talent acquisition, on-boarding, performance reviews, career development planning & team engagement
    - Hired and on-boarded completely 4 new teams of 8-12 members
- Development Responsibilities
    - Architect, design, develop and review applications, including POCs.
    - Identifying the areas for automation, data science and machine learning in the existing products/processes and completing the POCs
    - MI Data Pipeline (August 16 – Oct 18): Created an actor framework supporting 5 billion messages per month using Kafka/ Sonic MQ while used by more than 50 scrum teams. Integrated ELK stack for proactive alerting and logging
    - Market Intelligence 1.0 (Feb 2015 – July 2016): Re-designed web forms app to SPA using Durandal JS and used by > 100K clients. Designed and implemented export service (print, PDF & Excel), consumed by all products across the organization.
- Vice President LEAD Employee Group: Training employees and developing innovation echo-system for upcoming technologies (Automation, Data Science and Artificial Intelligence)
- Awards: Creative guru (2018),Annual Silver Award (2017), Most valuable person (2016,15), 7 Quarterly Award
- Technologies: C#, ASP.NET, .Net Core, ASP.NET Web API, Durandal.js, Knockout, underscore JS, jQuery, CSS, less, bootstrap, Unity IOC, Elastic search, MS SQL Server, ELK stack, Python, Apache Kafka, Rabbit MQ, MSMQ, Sonic MQ, OData, Microservices, Scrum, ignite UI, Ajax, MVP, Moq Unit testing, Windows & Web Services, JSON, IIS, HTTP Handler & Modules, Pandas

Senior Software Developer| Axact | Islamabad, Pakistan   Oct 10 – May 13

- Project Design Back Office: - Developed v2.0 project as Team lead and smoothly migrated legacy data of years without any major issues and downtimes
- Wedding Online: Portal for couples to plan and execute their wedding, Set Up their own wish/gift list online, itinerary, blog and much more
- Technologies: Asp.net C#, HTML, CSS, javascript, MS SQL Server, Microsoft IIS, web services

EDUCATION

Dual Degree Masters in Cloud Computing & Services (Specialization in Data Intensive Computing)
       KTH, Stockholm, Sweden   Aug 19 – Aug 20
       TU Berlin, Berlin, Germany   Oct 18 – July 19
Bachelors of Computer Science & Engineering | UET Lahore | Lahore, Pakistan   Sep 06 – June 10

CERTIFICATIONS

IELTs: Overall 8 Bands   2016
70-480, 70-483, 70-484, 70-486, 70-487, 70-515 | Microsoft   2013-17

Interests/ CO-CURRICULAR ACTIVITIES

Hackathon - 1st Prize - Predicting fetus health of pregnant women |TU Berlin| Germany   2019
Hackathon - 1st Prize - IoT enabled intelligent heating system |T-labas Hackathon| Germany   2018
Hackathon - 1st Prize - Matching underprivileged children schools for free education|SDG Hackathon| Pakistan   2017

Project - Social media analytics for TV shows using twitter data and calculate TV show ranking   2017
Speaker - Futuristic software development | Bahria University| Pakistan   2017
Speaker - Entrepreneurship and eco-system in Pakistan | Comsats University| Pakistan   2016
Startup - An online e-commerce portal for vendors to buy & sell. ForiOrder.PK | Lahore, Pakistan   2016
Startup - Hackathon - 2nd Prize - Civispot.org- Public civic issue tracking system | Pakistan   2014-15
Startup - Developed admission system to enroll students for Engineering entry tests | UET Lahore| Pakistan   2008