

Contact

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maliknabeelahmed (LinkedIn)

Top Skills

Java

MySQL

JSP

Languages

English (Professional Working)

Urdu (Native or Bilingual)

Hindko (Native or Bilingual)

Certifications

Spring: Spring Cloud

Cloud Architecture: Core Concepts

Honors-Awards

Institute Silver Medal

Publications

Job Description Ontology

Detect HTTP Specification Attacks
using Ontology

Mapping Natural Language
Questions to SPARQL Queries for
Job Search

A New Approach to Information
Extraction in User-Centric E-
Recruitment Systems

Extracting Semantic Annotation and
their Correlation with Document

Malik Nabeel Ahmed Awan

Senior Manager - Cyber Security Product Development at
CydeaTech

Northern Punjab Rawalpindi, Pakistan

Summary

Highly motivated information technology professional with over eight(08) years of professional experience in planning, architecture and implementing state of the art technology solutions. I am a quick starter, focused solution-oriented programmer and strong in object-oriented analysis, and design.

Experience

CydeaTechnologies

Senior Manager - Cybersecurity Product Development

July 2019 - Present

Islamabad

Trillium Information Security Systems

Senior Manager - Cybersecurity Product Development

May 2018 - June 2019 (1 year 2 months)

Northern Punjab Rawalpindi, Pakistan

Contour Software

Senior Software Developer

April 2018 - April 2018 (1 month)

Lahore, Pakistan

Active Capital IT

Software Solution Architect

March 2015 - March 2018 (3 years 1 month)

Islamabad

- Research, design, and implementation of the linked data model for cultural heritage using Apache CXF, Graph DB, MongoDB, Elastic Search, and PostgreSQL.
- Design and implementation of institutional reporting module using Apache Kafka, PostgreSQL, MongoDB, Elastic Search, Amazon S3, Apache CXF and Jasper Reports.

- Design and Implementation of Messaging Queue for uploading and execution of bulk jobs using RabbitMQ.
- Documentation of application flows for scalability analysis.
- Design and implement scalability monitoring using App Dynamics and New Relic.
- Implementation of scripts for deployment of applications on Sagoku platform.
- Working with the team for deployment of production application using Jenkins.
- Working with the team for deployment of production application on Sagoku platform.
- Create and manage pipeline in bit-bucket for application deployment.
- Working with US team for requirement analysis for transforming customer input into a form that development team can understand and work.
- Working with Quality Assurance team in Taiwan for requirement delivery for test scenarios building.
- Working with project management team to plan application design, implementation, deployment, and quality assurance roadmap.
- Helping development team in setting up the local testing environment using Docker and Kubernetes.
- Helping developing team in application debugging for identification of reported production scale issues.

NUST School of Electrical Engineering & Computer Science

3 years 11 months

Network Administrator

March 2015 - November 2015 (9 months)

Islamabad

- Virtualization Technologies (VMWare)
- Server Configuration and Setup

Visiting Faculty Member

February 2015 - June 2015 (5 months)

Islamabad

Taught course CS 423 - Data Warehouse and Data Mining

Team Lead

January 2012 - February 2015 (3 years 2 months)

Islamabad

- Involved in application research, design, and architecture.
- Involved in new technology research and product evaluation.

- Design and implantation of HR system using Apache CXF, GATE Framework, Stanford NLP Toolkit, Apache Jena, Lucene and Apache TDB.
- Design and implementation of academic-industry liaison application using Apache CXF, Apache Jena, Apache Lucene and Apache TDB.
- Responsible for project delivery on-time with all agreed upon deliverables/ documentation.
- Working closely with deployment team for smooth product deployment on client site.
- Reporting to top management and project collaborators on projects status.
- Team Management (that included human resource management, task assignment, and reporting, computation resource management) for on-time project completion.

Personforce Consulting Pvt Limited

Team Lead (Big Data)

October 2013 - January 2014 (4 months)

Islamabad

- Design, implement and model linked data for job description skills management.
- Implementation of a job crawler for Fortune 500 companies with job boards on Taleo, bright spyre, indeed, rozee.pk, personforce, monster, job site, total jobs and others.
- Implementation of skills extraction algorithm using GATE Framework and Standford NLP Tool Kit.
- Implementation of an application for sharing skills data using Apache JAX-RS, Apache Lucene, Apache Jena and Apache TDB.

NUST School of Electrical Engineering & Computer Science

Senior Software Engineer

September 2009 - December 2011 (2 years 4 months)

Islamabad

- Involved in cutting edge state of the art research in semantic security for application layer (L7).
- Implementation of L7 layer security application using MySQL, Apache Jena, Apache TDB, Apache Lucene, Mod Security, Apache2, Apache Tomcat.
- Building deployment box for clients using ESX/ESXi 4.1 and VMware vSphere 4.1.
- Setting up testing environment in-house and on the client, premises using ESX/ESXi 4.1 and VMware vSphere 4.1.

- Responsible for project documentation that includes technical manuals, deployment manuals, client use manuals and reports for application performance (measuring throughput and detection rates).
- Responsible for team management (that included human resource management, task assignment, and reporting, computation resource management).

NUST School of Electrical Engineering & Computer Science
Teaching Assistant / Researcher
September 2007 - April 2009 (1 year 8 months)
Islamabad

Education

National University of Science and Technology
Doctor of Philosophy (PhD), Information Technology · (2019)

National University of Science and Technology
Master of Science (MS), Information Technology · (2009)

COMSATS Institute of Information Technology
Bachelor of Science (BS), Information Technology