

Curriculum Vitae

Farrukh Naveed Anjum

Address: House No. PD-401-A, Street No. 10, Pindora, Rawalpindi

Tel: +92 51 485207 – **Mobile:** +92 321 5083954

Email: mr.farrukh@msn.com

SUMMARY OF QUALIFICATIONS

- Design, development and maintains of web-based application software's in BIG DATA (Enterprise Search Systems and Business Intelligence Tools) using NoSQL, Machine Learning and Sentiment Analysis.
- Overall 10 year experience of full stack software development (Front end, Back end) using object oriented programming methodologies in PHP, Zend, Laravel, Java, jQuery, Ext JS, Bootstrap, NoSQL, Apache Solr, Elasticsearch, MongoDB, MySQL and Oracle.
- Currently working on Apache Storm and Spark (Using Hortonworks HDP).

EXPERIENCE

- Working as **Assistant Manager – Software Development** at TechAccessPak **Sep 2018 – To Date**
- Worked as **Software Consultant** at TechAccessPak. **Jan 2016 – Aug 2018**
- Worked as **Sr. S/W Engineer (Team Lead - PHP)** at Interactive Group. **Mar 2010 – Oct 2015**
- Worked as **Software Engineer** at Interactive Group. **Aug 2008 – Feb 2010**
- Worked as freelancer on **Freelancer.com (Apr 2008 - Aug 2015)**
- Worked as open source software developer / contributor on **SourceForge.Net (Apr 2011 – Aug 2015)**

EDUCATION

- BS in Computer Sciences (BSCS), International Islamic University Islamabad. **CGPA: 3.34**

PROJECTS

Project Title: Cogito SIEM (Security Events and Incidents Monitoring)

Technologies: Angular JS, Node JS, Elasticsearch, Apache Storm, HBase, Hadoop, NoSQL, Java, Python, ELK

Description: Cogito SIEM is a Cyber Security Solution using BIG Data Technologies for real time thread detection and alert generation. It's a solution built so that it can scale horizontally.

Project Role: Software Consultant, Assistant Manager

Project Duration: 2017 – To date

Project Title: Social Media Monitoring (SMM)

Technologies: Larval 5.5, Bootstrap 3, jQuery, HTML 5, Elasticsearch, NER, Apache Spark, Twitter API, Facebook API, Semantic Web

Description: SMM is a digital marketing tool for social media trends, sentiments analysis for brands, companies and products.

Project Role: Software Consultant, Team Lead

Project Duration: 2016 - 2017

Project Title: AaemNow

Technologies: Larval 5.2, Bootstrap 3, jQuery, HTML 5, ElasticSearch, NER, NoSQL, MongoDB, Python 3, Social Media Analytics

Description: B2B and B2C product recommendation, and customer Engagements.

Project Role: Project Manager

Project Duration: 2016 - 2017

Project Title: Scan4Deal

Technologies: Larval 4.2, Bootstrap 3, jQuery, HTML 5, ElasticSearch

Description: Scan4Deal is Product Comparison site from multiple vendors. Using different data sources

Project Role: Sr. S/W Software Developer

Project Duration: 2015 – 2017

Project Title: Intelligent Retrieval (IntuiRA)

Technologies: jQuery, jQuery UI, PHP 5.3,, Apache Solr 4, MySQL, Solarium, SolrPHP, Zend Framework 1.12, Bootstrap 3, D3, HighCharts,

Description: Intelligent Retrieval *software* capable of

- Basic / Advance Search
- Document Indexing (Inverted Index)
- Summary Tag Cloud, Highlighting, Faceting, Clustering
- Rank Relevance Search
- Sentiment Analysis
- Discovery
- NER
- NLP
- Social Media Analysis (**Twitter**)
- Machine Learning

Project Role: Sr. S/W Software Developer,

Project Duration: 2012 - 2015

Project Title: Human Resource Information System (HRIS)

Technologies: HTML, CSS, Ajax, PHP 5.2, MySQL 5.1, jQuery, Fusion Charts, Linux, Apache

Description: *Human Resource Information System* consisted of

- Employee Self Service Module
- Admin Module
- Activity Reports
- Biometric Time Attendance Module
- Leave Management Module
- Performance Appraisal Module
- Custom Report Builder Module
- User Management Module
- XSS / SQL Injection Defence Layer with IP Based Tracking

Project Role: Software Developer, Team Lead.

Project Duration: 3 Years

Project Title: Complaint Management System (CMS)

Technologies: Ext JS 3.3, PHP 5.2, MySQL, High Charts , Linux, Apache

Description: *Complaint Management System* software solution consisting of

- Real Time ticket generation and escalation to support team
- Ticket life cycle, control, communication and coronation support for Team Members, Leads and Managers.

- Ricky chart Implementation

Project Role: Software Developer, Team Lead.

Project Duration: 1.5 Years

Project Title: Inventory Management System (IMS)

Technologies: Ext JS 3.3, PHP 5.2, MySQL, Linux, Apache

Description: *Inventory Management* software capable of

- Warehouse Life Cycle Management
- Vendor / Contractor Management
- Category / Device / Model / Item Management
- Project Based Inventory Allocation and Item Issuance to SBU's.
- Support for Multiple Roles (Inventory Executives, Warehouse Manager, Executives, Project Managers)

Project Role: Software Developer, Team Lead.

Project Duration: 2 Years

Project Title: Office Inventory Management System (OIMS)

Technologies: Ext JS 3.3, PHP 5.2, MySQL, Linux, Apache

Description: *Office Inventory Management* software capable of

- Office Inventory Life Cycle Management
- Vendor / Contractor Management
- Category / Device / Model / Item Management
- Project Based Inventory Allocation and Item Issuance to SBU's.
- Support for Multiple Roles (Admin Officers, HR Manager, Executives, SBU's)

Project Role: Software Developer, Team Lead.

Project Duration: 2 Years

Project Title: Mobile App Store

Technologies: jQuery Mobile, PHP 5.3, MySQL, HTML, CSS, Ajax

Description: *Mobile App Store* software capable of

- Category Management
- Item / Version Management
- jQuery Mobile based UI for Android, iPhones
- Native HTML based UI for older Mobile Phones

Project Role: Software Developer, Team Lead.

Project Duration: 6 Months

TRAININGS AND CERTIFICATIONS

- Certification of Oracle PL/SQL

- Certification of Oracle 6i Developer
- Certification of Oracle DBA
- Certification of PHP 5
- Certification of JSP 2.0
- Machine Learning Specialization (Coursera)
- Linked Open Data (Semantic Web)

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SKILLS

- Zend, Laravel Frameworks
- Apache Solr
- Solarium, Solr PHP
- Java
- Android Development
- ElasticSearch
- Python (2 and 3)
- Joomla / Drupal / Word Press
- PHP 5
- Ext JS
- Bootstrap
- jQuery
- jQuery UI
- jQuery Mobile
- D3
- HighCharts
- Fusion Charts
- Oracle
- MySQL
- NoSQL
- HTML / HTML 5, CSS and Ajax
- Linux
- Windows
- OOP
- LAMPP
- XAMPP
- Wamp
- C#
- Apache

REFERENCES

Available upon request.