ABDUL HANNAN

👨‍💼 Senior Java Developer at INK Software
🎙️ Linkedin's Top Back-End Web Development Voice
👔 10+ years of technical experience.

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A technology enthusiast with a decade of experience in delivering scalable solutions for clients across the US and EMEA regions. Proficient in leading teams to develop web-based enterprise applications, spanning various sectors including Fintech, Pharmaceutical Compliance, E-commerce, Construction, Human Resources, and Helpdesk. Well-versed in both remote and on-site collaboration.

SKILLS SUMMARY

BACKEND	JAVA, KAFKA, SPRING BOOT, JHIPSTER, HIBERNATE, JSF, MAVEN, GRADLE MICROSERVICES, EVENT DRIVEN ARCHITECTURE, BFF, GRPC, REDIS
FRONTEND	ANGULAR, REACT (BASIC)
DATA	MS-SQL, POSTGRESQL, MYSQL
DEVOPS	LINUX, DOCKER, GITLAB CI, AWS, ELK, JENKINS, BUILDKITE
OTHERS	ASP.NET (WEB-FORMS & MVC), SHAREPOINT 2013, PHP – LARAVEL, PYTHON

PROFESSIONAL EXPERIENCE

INK Software, Poland

SENIOR SOFTWARE ENGINEER	Merchant Portal - Digital Bank, ODS Kafka Consumers, Loan Origination System, Printouts (gRPC) Libraries: System Test Framework, Third party integration, Avro schema, Field Template Engine, Reconciliation Engine, Redis Integration, T24 Parser etc.	OCT'22	TO	DATE

Qordata (formerly Streebo IM), Pakistan

PRINCIPAL SOFTWARE ENGINEER Product Department	HCP Engage Aggregate Spend Solution SAP Concur Connector	JULY'21	TO	SEPT'22
SENIOR SOFTWARE ENGINEER Product Department	Compliance Central – CaaS (compliance as a service) Salesforce Veeva Connector	JAN '20	TO	JUNE'21
SENIOR CONSULTANT Consulting Department	Master Data Management - Daymon Worldwide	JAN'18	TO	DEC '19
PRODUCT ENGINEER Product Department	Qatalyst – GDPR Compliance HCP ENGAGE – Consent & Dispute Management	JAN '17	TO	DEC'17
ASSOCIATE CONSULTANT Project Consulting	Dispute Management System Helpdesk System	JAN '16	TO	DEC '16
ASSOCIATE CONSULTANT Software Development Department	Consent Management System Open Payments Analytics Human Resource Management System	AUG '14	TO	DEC'15
INTERN	Metis – Resource Allocation System	DEC '13	TO	JUL '14

Software Development Department				

Freelancing

Freelancer	Whiteoaks Aligned, NTP – Netnology, Collab Commerce and Xcordia	JAN'21	TO	SEP'21

ACADEMIC QUALIFICATIONS

MASTERS			UNIVERSITY OF KARACHI	
COMPUTER SCIENCE (MCS)	3.42 CGPA		JAN '13 TO DEC '14	
First Position in Entry test – (Batch'13)				

BACHELORS			UNIVERSITY OF KARACHI	
MAJOR: STATISTICS (BSC)	3.6 CGPA		JAN '11 TO DEC '12	
First Position Holder - Department of Statistics – University of Karachi - (Batch'11)				

PROJECTS

❖ JAVA

MERCHANT PORTAL - DIGITAL BANK (GO-LIVE)		*of* INK	Team of 5+
Converted Digital wallet for Merchants into a Bank			
ROLE	Principal Backend Engineer		
TECHNOLOGIES	Spring boot, Microservices, Angular, Kafka, Gradle, PostgreSQL, Flyway		
RESPONSIBILITIES	Developed an onboarding microservice for assisting new merchant onboarding, KYC workflows, data fetching, and caching of trusted source data, sanction checks, and merchant propagation		

ODS – KAFKA CONSUMER		*of* INK	Team of 5+
ODS is a T-1 datasource of T24's original data. We save data into ODS by consuming T24 events			
ROLE	Principal Backend Engineer		
TECHNOLOGIES	Spring boot, Microservices, Angular, Kafka, Gradle, PostgreSQL, Flyway		
RESPONSIBILITIES	Added several consumers to consume T24 events, added several Rest APIs to expose ODS data to different endpoints		

LOAN ORIGINATION SYSTEM		*of* INK	Team of 5+
A project to create a Loan origination system for a bank.			
ROLE	Principal Backend Engineer		
TECHNOLOGIES	Spring boot, Kafka, Redis, Gradle, PostgreSQL, Flyway		
RESPONSIBILITIES	Created a generic library to provide support for different bank systems, applied Backend for Frontend (BFF) architecture to support the frontend team, created a translation service backed by Redis		

PRINTOUTS		*of* INK	Team of 5+
A project to generate bank reports			
ROLE	Principal Backend Engineer		
TECHNOLOGIES	Spring boot, Kafka, Redis, Gradle, PostgreSQL, Flyway, gRPC		

RESPONSIBILITIES	Exposed rest endpoints for requesting synchronous/asynchronous report generation. For report generated, communicated with an internal service using gRPC for faster response.

LIBRARIES
of INK   Team of 6+

Created and supported several Libraries

SYSTEM TEST FRAMEWORK	Extended in-house system test framework to support Java 17 and Spring Boot 3
THIRD PARTY INTEGRATION	While adding more endpoints also used Ok-Http to manage tokens when contacting external and internal endpoints.
AVRO SCHEMA	Centralized all the avro schemas used by different applications with unit tests
FIELD TEMPLATE ENGINE	Helped generate templates with JSON and Mustache format
RECONCILIATION ENGINE	Library to ensure that all Kafka events were reconciled between certain consumer and producer
REDIS INTEGRATION	Library to include Redis as caching without much effort
T24 PARSER	Library to parse T24 events into Java DTOs

HCP ENGAGE
of qordata   Team of 10+

A product which allows HCP to access their personal information acquired by the

ROLE	Technical Lead
TECHNOLOGIES	Spring boot, Microservices, Angular, Postgresql, PostgreSQL, Okta
RESPONSIBILITIES	Designed microservice architecture, handled team management, task assignment, code reviews, and successful delivery

AGGREGATE SPEND SOLUTION
of qordata   Team of 20+

A product that handles Pre/Post submission to cms.gov (US government of pharma compliance)

ROLE	Technical Lead
TECHNOLOGIES	Spring boot, Angular, Postgresql, MS-SQL, Spotfire
RESPONSIBILITIES	Revamped the architecture, optimized the system, made it transactional and accessible to customers while considering UI/UX

COMPLIANCE CENTRAL
of qordata   Team of 10+

A product that provides compliance monitoring for US-Pharma companies.

ROLE	Full stack Developer
TECHNOLOGIES	Spring boot, Angular, PostgreSQL
RESPONSIBILITIES	Enabled dynamic creation of checklists that could support any question, created configurable screens, integrated and automated Salesforce - Veeva to avoid manual data sharing

WHITE-OAKS ALIGNED
freelancing Team of 20+

A project for accounting and project progress for an architecture firm

ROLE	Backend Developer
TECHNOLOGIES	Spring boot, React, MySQL, AWS-Lambda, Build kite
RESPONSIBILITIES	Primarily involved in creating backend APIs, implemented batch processing, and automated accounting processes

NTP – NETNOLOGY
freelancing Team of 15+

A project to handle agents (devices, servers, etc.) running across the globe for each vendor

ROLE	Backend Developer
TECHNOLOGIES	Spring boot, React, PostgreSQL, Eureka, Build kite, Microservice Architecture, Docker, Basic understanding of Kubernetes, Kafka, Apache Beam and Flink
RESPONSIBILITIES	User Management, embedded additional info in the payload of JWT so other microservices can save additional calls, created an agent handler

COLLAB COMMERCE   *freelancing* Team of 8

A collaboration start-up that works as a bridge between retailers, suppliers and shippers.

ROLE	Backend Developer
TECHNOLOGIES	Spring boot, React, PostgreSQL, Eureka, Build kite, Microservice Architecture
RESPONSIBILITIES	Created Microservices for User Management, Public Chat, Process Workflow, and Alerting

XCORDIA   *freelancing* Team of 6

A start-up where vendors could trade while keeping an escrow account within xcordia.

ROLE	Backend Developer
TECHNOLOGIES	Spring boot, React, PostgreSQL, Eureka, Build kite, Microservice Architecture
RESPONSIBILITIES	Created Microservices for User Management, Public Chat, Process Workflow, and Alerting.

QATALYST   *of* qordata   Team of 6

A request logging portal to assist "Pharma Industries of Europe" in becoming GDPR compliant.

ROLE	Full stack Developer
TECHNOLOGIES	Spring boot, Angular 2, MySQL
RESPONSIBILITIES	Set up the presentation layer with Angular and the backend with Spring Boot, created Demoware & Prototype after understanding customer and business needs

HCP ENGAGE   *of* qordata   Team of 5

A Tracking and management tool of HCP Consent, Feedback & EFPIA Pre-Disclosure Reviews

ROLE	Senior Java Engineer
TECHNOLOGIES	JSF, Hibernate, Jersey (JAX-RS), MySQL, Tomcat Apache and AWS
RESPONSIBILITIES	Merged two products and improved code architecture of the application and created new features. Successfully incorporated custom changes requested by the Customer. 1. **Dispute Management System** was a tool to cater disputes of physician on transfer of values for EFPIA Pre-Disclosure Reviews. Pre-merge: Created dashboards and implemented latest business cases. 2. **Consent Management System** used to monitor and increase physician consent rates on transfer of values for EFPIA Pre-Disclosure Reviews Pre-merge: Created backend services

❖ SHAREPOINT AND .NET FRAMEWORK

PACP – HELPDESK SYSTEM   *of* qordata   Team of 6

A helpdesk system which help customer to achieve consumer centric vision of providing fast, convenient and reliable services across all delivery channels.

ROLE	Sharepoint Developer
TECHNOLOGIES	Sharepoint 2013, Visual Studio 2013, JQuery, SharePoint Designer 2013

RESPONSIBILITIES	Developed architecture, performed all SharePoint related technical activities, custom code development, workflows (Designer 2013) & deployments. Also visited Oman for UAT.

WEB PORTAL - HUMAN RESOURCE MANAGEMENT SYSTEM   *of* qordata   Team of 5
Combination of HR procedures comprising recruitment, leaves management, performance analysis etc.

ROLE	.Net Developer
TECHNOLOGIES	Asp.Net (Web forms, 3 –tier architecture & ADO.Net), C#, Javascript, Rad-telerik Controls, Sql Server 2008 R2 & Spotfire.
RESPONSIBILITIES	Constructed employee performance module, Improvised leaves module and provided support for all ad-hoc enhancements.

WEB PORTAL – METIS   *of* qordata   Team of 2
Resource allocation and billable utilization of consultants.

ROLE	.Net Developer
TECHNOLOGIES	Asp.Net (Web forms, 3 –tier architecture & ADO.Net), C#, Javascript, Rad-telerik Controls, Sql Server 2008 R2 & Spotfire.
RESPONSIBILITIES	Integrated with Journyx and RFS (internal software) and provided support for all requests.

❖ PHP (LARAVEL), JAVA-SCRIPT, GOOGLE CHARTS, SPOTFIRE – WEB PLAYER, MYSQL AND MS-SQL.

WEB PORTAL - OPEN PAYMENTS ANALYTICS   *of* STREEBO Software Labs   Team of 8 to 10
Assist pharmaceutical industries with cms.gov data via dashboards.
- Constructed user management portal
- Linked web portal with spotfire dashboards
- Created dashboards on spotfire

WEB PORTAL – WORMINGTON APP   *Freelance*   Team of 3
Focused on assisting law firms to track their patients.
- Architected, developed, and deployed the application

❖ PHP (SYMFONY), JAVASCRIPT & MYSQL

ORANGE HRM   *of* STREEBO Software Labs   Team of 4
Customized according to company requirement.

❖ ETL

CMS INSIGHTS   *of* STREEBO Software Labs   ALONE
Created ETL process to populate database from the spend data of the customer.

❖ ANDROID

CV MAKER   freelance   Team of 2
User friendly app that assists user to create market competitive CVs.

PERSONAL QUALITIES

- ❖ Quick Learner and love to work in a challenging environment.
- ❖ Passionate and value ownership & commitment.