Zeeshan Ahmed

✉: zeeshan2ahmed@gmail.com   ☏: 651-503-9717   in: linkedin.com/in/zeeah   ⬡ : z-shan

OBJECTIVE:
Software Engineer with passion for software craftsmanship and delightful UX. High achieving, self motivated professional with excellent communication, organizational and analytical capabilities along with great business acumen. Want to leverage my 8+ years of strong exposure to IT products, technologies, tools, frameworks, methodologies to obtain a challenging position.

EDUCATION:

MBA (Strategy/Marketing)   Dec 2016
University of Kansas, Lawrence, KS

M.S. Computer Science   May 2011
University of Kansas, Lawrence, KS

B.E Electrical and Electronics Engineering   June 2007
Osmania University, Hyderabad, India

WORK EXPERIENCE:

Senior Software Engineer   Dec '17 – Present
Reputation.com – Redwood City, CA
Enterprise SaaS platform suite for online reputation management - gives a comprehensive platform for collecting, analyzing and replying to reviews, surveys, business listings by creating workflows around it. **(Java, Spring Boot, RabbitMQ, Apache Thrift, MongoDB, AngularJs, nodeJS, aws - s3, grunt, Jasmine)**
- Developed features for ticketing application
- Developed components and redesigned UI architecture to make it dynamic and driven by custom metadata of customers to create personalized profiles
- Developed hybrid mobile application that integrates smoothly with the native app
- Developed secure service to upload resources to aws s3
- Developed public rest api along with documentation for third party applications to seamlessly move data in and out
- Developed backend APIs in distributed micro-services architecture to support frontend
- Developed pipeline to create tickets from emails sent by vendors

Application developer   Jan '19 – July '19
Med Sync – Chapel Hill, NC
Stealth mode startup in health care industry **(Angular 6, TypeScript, nodeJS, mongoDB, Twilio, Travis, Digital Ocean)**
- Lead the architecture, design and development of web application
- Integrate the application with open source design and Twilio's communication api
- Automate the application deployment pipeline

Research Engineer   July '11 – Nov '17
Kite Technology Suite - high-volume, highly scalable and multi-device-compatible SaaS-based testing platform that is used by multiple state departments of education **(html5, css3, canjs, jquery, ejs, j2ee, nodejs, express, underscore, mongodb, selenium, jasmine, protractor, Aws – s3, dynamodb, Athena, objective-c)**
- Lead the architecture, design and development of Test Delivery Engine, Local Caching Server, KITE Client, Educator Portal WebServices
- Designed and developed features like text2speech, audio recorder, graphing calculator, sticky notes etc
- Develop restful webservices for CRUD operations on test and student data
- Institute various strategies to improve quality and scalability of the product
- Introduced automation environment for functional and end-to-end testing
- Designed and developed completely offline version of the local caching server which can deliver tests with no internet connectivity helping administer test on a software in remote locations
- Responsible for developing and maintaining secure client on Windows, Mac, Chromebook and iPad
- Developed the first version of secure desktop client for Windows by customizing firefox
- Developed code signed version of Mac client to work with Gatekeeper mode
- Developed iOS hybrid app using native iOS features and webview in collaboration with QuarkStudios
- Responsible for publishing iPad app to testflight for beta testing and then to appStore for distribution
- Developed UI design in collaboration with Brockton Consulting
- Developed and integrated technology enhanced html5 items in collaboration with Propaganda3

- Developed Device management features (SAM, ASAM, Special Entitlements) in the app to help Apple Education development team to market iPads to school districts using KITE
- Manage direct reports from graduate research assistants assigned for product quality
- Collaborate with offshore service providers ScriptBees and ChangePond
- Established, cultivated and maintained strong strategic results-oriented relationship with service providers Brockton, Propaganda3 and QuarkStudios in integrating solutions with the product
- Conducted interviews and recruited development resources
- Report product status directly to IT director

Application Developer   Feb'17 – Jul'17
Dliteful Cosmetics – Raleigh, NC
Ecommerce website for selling products **(nodejs, express, gulp, npm, canjs, jquery, underscore, scss, stripe)**
- Developed e-commerce website with secure Stripe payment checkout
- Setup domain, dns, nodejs, ssl and ngnix in Digital Ocean server

Jayhawk Consulting   January '16 – May '16
Business Consultant – Lawrence,KS
Regional Expansion Strategy of RedTire
- Conducted interview-based primary research with interns to assist in framing the business problem
- Developed pricing model to help self-sustain as a low end middle market firm
- Developed and presented solution to the client

Database Design Analyst   February '11 – November '11
Construction Money Management – Minneapolis, MN
SaaS-based application that manages the cash flow in a construction project. This was a fully remote project with client and developer working from different cities. The application helped the client generate revenue by selling reports **(MS-Sql, C#)**
- Established and maintained sound client relationship to build an effective communication channel
- Interacted with client and collected business requirements and transformed them into functional specifications
- Developed structural design of database based upon logical data models
- Reviewed and approved workflow created by developer to ensure technology consistency and integration with client's business strategies

Graduate Programmer   August '10 – May '11
Center for Educational Testing and Evaluation – University of Kansas
Testbuilder, KCA & KWIET – large scale assessment platform to prepare and administer tests statewide **(j2ee, postgres)**
- Led the design and development of KCA TestBuilder responsible for adding new features and fixing bugs
- Led quality assurance for KWIET
- Created detailed test plan for functional testing
- Introduced automation testing environment and map manual test cases to automation scripts
- Created performance test strategy to help developers scale the application using Jmeter
- Provided tier-2 support to school representatives in investigating and resolving issues

Summer Engineering Intern   May '10 – August'10
Taikan Inc
Customer Order Tracking – App to track back orders, shipment status, purchase orders and inventory **(php, mysql)**
- Communicated with management to collect business requirements
- Designed and developed database for the application
- Created administrative and customer pages to view and update information
- Interacted with graphic designer to merge design with functional

Graduate Research Programmer   August '08 – August'10
School of Business – University of Kansas
FRAANK & SEEK-INF – Financial application to search, mine and convert to XBRL **(perl, MS-sql, python, flex)**
- Established sound relationship with Neo-Abacus, licensee of FRAANK and SEEK
- Collaborated with Chief Technical Officer of Neo-Abacus to document application functions so that it can be easily reprogrammed in python and Adobe Flex
- Trained, managed and mentored new hires
- Led design and development of algorithms to mine data from financial reports
- Enhanced search capabilities of the search engine
- Implemented value added features to get acquired by Neo-Abacus
- Developed prototype of SEEK3, an integrated version of SEEK and FRAANK – this indexed search engine reduced the search time from 2 minutes to fraction of a second

Research Programmer   February '08 – August '08
Art & Design Department, University of Kansas
Healthy Living Kansas – Developed a healthcare application to record user responses and provide reports to the healthcare providers to better analyze the willingness of people to undergo and to promote cancer screening test utilization **(c#, MS Access)**
- Established strong client relationship with the physicians
- Make communication strategies to make it easier to collect business requirements
- Analyzed business requirements and designed application blue print
- Validated technical designs against functional specifications
- Developed, tested and deployed application at client location

TECHNICAL SKILLS:

Languages	: Java, Javascript – ES5 & ES6, Sequel, C#.net, Perl, php, objective-c
Databases	: PostgreSQL, Mongodb, SQL Server, PLSQL, MS Access
Test Automation	: Selenium, Jasmine, Protractor, Apache Jmeter, Cubic Test
Web Technologies	: html5, css3, jQuery, underscore, canJS, ejs, NodeJs, Express, Bootstrap, ChartJS, AnimateCSS, Font-Awesome, Flux, ReactJs, AngularJS, Angular, Twilio
Build Automation	: npm, bower, webpack, gulp, babel, travis
Tools	: eclipse, xcode, OSX Server, Apple Configurator, Jamf
Cloud	: Aws – S3, Athena, Dynamodb, MongoDb Atlas