Muhammad Omer Kahoot

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PROFESSIONAL PROFILE

Almost 8 years' experience of working on a diverse set of technologies that include web, mobile, desktop development along with managing code repositories, continuous integration and server side configuration. Active hands-on development, leading & responsible for hiring core development teams and managing technology stack for the full business.

WORK EXPERIENCE

MAUQA ONLINE

- **Technology Manager - Development**
- **Feb' 2019 – Current**
- **Islamabad, Pakistan**

Job Description:
To optimize business along-with operations through enabling technology.

- Responsible for implementing and maintaining the technology infrastructure.
- Leading the development team along with QA teams (android, ios, backend and frontend teams).
- Designing technology road map and minimizing technical debt.
- Incorporating best coding practices for ensuring code quality, maintainability and scalability.
- Managing AWS backend server by providing zero percent downtime.
- Close collaboration with the product management team to finalize deadlines, features and set goals.
- Providing guidance to the teams in designing, implementing and updating software.
- Active development with the team on new features, bug fixes and enhancements.
- Leading the technical support team in identifying customer issues, and incorporating them into our product roadmap.
- Coming up with optimal ui/ux designs and workflows to educate our users in technology along-with enabling them to use our apps successfully.
- Guiding analytics team on optimal data retrieval and fixing any query issues being faced by them.
- Implemented External API Integrations for smooth business operations. (Payment Gateways, Robocalls, Infobip, Google Maps APIs', Fresh Chat, Intercom, Segment)

Technologies:

- Laravel PHP
- Android – Java
- PowerBI
- MySql Database
- IOS – Objective C
- Big Query
- AngularJS

IAI (INCLINE ARTIFICIAL INTELLIGENCE)

- **Team Lead**
- **June' 2018 – Dec' 2018**
- **Islamabad, Pakistan**

Job Description:
Managing all the teams of Incline AI (Products & projects). Responsibilities included:

- Leading the development teams and their leads.
- Overlooking the products backlog and road map.
- Leading the Graphics, UI and UX design.
- Gathering requirements from customers, business development and translating them to development goals
- Looking over all the products' documentation.

- Supervising products' and projects' deployment.
- Responsible for Incline AI Products' Marketing (Website development, Online presence)
- Meeting with customers/clients face to face or over the phone
- Understand the needs of customers and be able to respond effectively with a plan of how to meet these.
- Giving presentations promoting the IAI Products and marketing them.
- Delegating responsibilities to team members and grooming them to become the next team leads.
- Enforcing agile development methodologies
- Shortlisting new candidates based on interviews to be part of the team.
- Train members of the team, arranging external training where appropriate
- Seek ways of improving the software development life cycle.
- Conducting performance review, retrospective and planning meetings with all the team members.

Products & Technologies:

- **Surveillance –** React JS Frontend – Python Backend
- **Simulation –** Unity(C#) Based Simulation Application
- **Mapping –** Point cloud data manipulation, sensor fusion.
- **Autonomous Car –** Supervised, Unsupervised based learning models, Gazebo based simulation and self-driving algorithms implementation in python
- **Autonomous Drone –** Drone Kit python library based implementation, React based web frontend for drone mission planning.
- **ERP System –** An asp.net based backend with a react based frontend management system to automate processes regarding recruitment/training/testing of new candidates.

LMKR (LMK RESOURCES)

- **Application Designer**
- **November' 2013 - June'2018**
- **Islamabad, Pakistan**

Job Description:

- Worked on **GeoGraphix** codebase, a product of **Halliburton Landmark USA**.
- Direct daily co-ordination with **US based Product Management** to translate customers' needs into the product.
- Worked as key **developer** to maintain 3 different applications of **GeoGraphix Suite** by fixing bugs, adding new features and enhancements. Also worked on 2 applications of **GVERSE Suite.**
- Wrote software programs as part of an **Agile** team using Microsoft coding standards
- Implementing, analyzing and validating algorithms to solve computational problems faced by GeoGraphix and GVERSE customers based in **USA, Europe and Canada**.
- Used **agile** practices and **test driven development** techniques to provide reliable and working software.
- Contributed greatly to increase code maintainability metrics using different techniques such as pair programming, agile estimating and planning, **unit testing**, code analysis, refactoring and reviewing.
- Products that I worked on included **GVERSE GeoPhysics**, **GVerse Attributes**, **Lease Planner**, **Field Planner**, **GeoAtlas**.

Technologies:

- C#
- C++
- ArcGIS Cloud Development
- Telerik WPF
- MFC
- Arc Objects
- Microsoft Fakes Unit Testing
- DirectX Programming
- Map Objects
- Windows Forms
- Threading Models

TECHLOGIX:
- **Software Engineer**
- **July 2013 - November 2013**
- **Islamabad, Pakistan.**

PROJECTS:
People Soft Deployment at IMU (International Medical University Malaysia)
Duration: September' 2013 – October' 2013
Technologies: PeopleSoft, PeopleCode
- Development of admissions module in PeopleSoft using PeopleCode
- Streamlining of the admissions process for the students and the administration
- Automated registration of students in prospective courses based on past education background.
- Automated notification mechanism for administration for reporting to students.

Oracle Business Intelligence Reporting For GIB (Gulf International Bank Bahrain)
Duration: July' 2013 – August' 2013
Technologies: Oracle BI Tool, Microsoft Word, SQL
- Enterprise business intelligence reporting as per requirements
- Development of around 150 BI reports using Oracle BI Publisher
- SQL query views created at the oracle database end to be consumed from MS Word queries.
- Automated reports generation with data retrieved using SQL.

EDUCATION: NUCES-FAST (2009 -13) – 3.63 CGPA
REFERENCES: Available On Request.