Samrand Mahmood Hassan
Software Engineer

Iraq, Arbil, Ankawa Qtr.
+964 751 103 2626 • +964 771 103 2626 • samrand96@gmail.com • www.samrand.me • linkedin.com/in/samrand96

SUMMARY

Focused and quick-learning Software Engineer with 5 years of experience in database management, data science, information technology, and full-stack web developer for various projects and clients. Working in Construction Industries with 3 years of experience as Software Engineer in Galiawa Group. Besides 4 years of experience in software development as freelancer and employee in Jiasaz, LTD.

EDUCATION

Bachelor of Science in Software and Informatics Engineering, Graduation Year (2018).
Salahaddin University–Erbil, Iraq.

WORK EXPERIENCE

University of Kurdistan – Hewler, Erbil
IT Admin Officer (Software Developer)   (02/2021) - (Current)

- Develop new software by following proper project life cycle with quality assurance in mind, such as but not limited to, Dissertation Portal, Store Inventory, Fixed Asset Management, etc.
- Develop new or the existing website of the University.
- Develop existing programs by analyzing and identifying areas for modification.
- Oversee, administer, update and backup the daily performance of software programs of the University, such as but not limited to, Moodle, UKH website, Email System, etc.
- Advise computer users about maintenance of software systems and develop training materials and procedures or train users in the proper use of software.
- Analyze user requirements which might result in further research and writing new software programs.
- Direct software programming and development of documentation.
- Consult with computer users on project status, proposals, or technical issues such as software system design or maintenance.
- Coordinate installation of software system.
- Prepare reports or correspondence concerning project specifications, activities or status.
- Maintain systems by monitoring and correcting software defects.
- Observe system functioning to verify correct operations and detect errors.
- Manage and maintain UKH ID card system.
- Design, manage and maintain the University's portals and intranet.

Galiawa Group, Erbil
Software Engineer (03/2018) - (02/2021)

- Designed, developed, tested and deployed mobile and web applications using APIs, PHP, HTML, CSS, JavaScript, LARAVEL, MySQL/MS-SQL, CodeIgniter and Apache/NGINX.
- Develop front end and backend new Applications that Support All Galiawa Units requirements and business needs.
- Development team tasks and duties in an agile development environment and make sure all the proper documentation and source code management tasks are fulfilled.
- Possibly training more junior staff members.
- To perform database management and administration.
- To design, develop, implement, and update the website of Galiawa Group.
- To perform such other duties directly related to the main duties listed above or related to the delivery of the output and results expected from the IT Officer/Systems Administrator in the roles ascribed to them according to their postings.
- Design, perform, and monitor complex visualization and business intelligent report for Galiawa Group sales using Power BI and KoBoToolbox.

Jiasaz LTD, Erbil
Software Engineer (12/2018) - (06/2019)

- Develop, test and implement new software programs
- Clearly and regularly communicate with management and technical support colleagues
- Design and update the software database. This includes, but is not limited to: Software Applications, Web Sites, Data Communication Processes and User Interfaces
- Test, maintain and recommend software improvements to ensure strong functionality and optimization
- Independently install, customize and integrate commercial software packages
- Facilitate root cause analysis of system issues
- Work with experienced team members to conduct root cause analysis of issues, review new and existing code and/or perform unit testing
- Identify ideas to improve system performance and impact availability
- Resolve complex technical design issues
- Development of technical specifications and plans
- Analyze user requirements and convert requirements to design documents
- Make good technical decisions that provide solutions to business challenges
- Provide comprehensive support to internal customers; achieve a resolution to outstanding problems or issues
- Compile timely, comprehensive and accurate documentation and or reports as requested
- Possess up-to-date knowledge of technological developments in the industry
- Communicate effectively and professionally in all forms of communication with internal and external customers
- Possess strong problem solving and decision-making skills while using good judgment
- Multi-task and change from one task to another without loss of efficiency or composure

TEDxNishtiman, Erbil
Software Developer (02/2017) - (01/2018)

- Write supporting code for Web applications or Web sites.
- Design, build, or maintain Web sites, using WordPress Content Management System (CMS).
- Develop or validate test routines and schedules to ensure that test cases mimic external interfaces and address all browser and device types.
- Create Web models or prototypes that include physical, interface, logical, or data models.
- Provide clear, detailed descriptions of Web site specifications, such as product features, activities, software, communication protocols, programming languages, and operating systems software and hardware.
- Support Web and Mobile development, SEO and website analytics.
- Design, build, and maintain mobile application using Java native android programming.
- Integrate mobile application with TEDxNishtiman website and Firebase.

LANGUAGES

- **English:** Full professional proficiency
- **Kurdish:** Native or bilingual proficiency
- **Arabic:** Professional working proficiency
- **Turkish:** Elementary proficiency

INTERNSHIP

AsiaCell Telecom, Sulaymaniyah
Information Security Analyst (05/2018) - (09/2018)

Reporting to the Cybersecurity Chief of Staff, the Information Security Analyst Intern will be responsible for proactively working with security teams and partners to organize for success. This role requires a candidate who is organized, a communicator and facilitator, who can work seamlessly across both Security teams and business functions.

The internship was included the tracking and reporting security key performance indicators (KPIs), organizing executive updates on security risk and initiative status, supporting the agile program management strategy for security delivery, and participating in a variety of efforts to augment overall security management.

STRENGTHS

- Honesty and ability to take responsibility under critical situations.
- Excellent communication skills.
- Ability to grasp new skills quickly.
- Hard-working.
- Excellent knowledge of Core subjects.
- Creativity, innovation & making good personal contacts
- Take action after analyzing the facts and understanding the situation.
- Ability to work in team collaboration and independently.

SKILLS

- **CLOUD**

  - Azure - IaaS/PaaS
  - AWS

- **WINDOWS**

  - Server Administration
  - Active Directory
  - Networking

- **SQL SERVER**

  - Database Administration
  - Database Migration
  - T-SQL
  - HA/DR - SQL Log Shipping, Clustering, DB Mirroring, Always-On

- **DEVOPS**

  - VSTS - Visual Studio Team Services
  - Azure ARM - IaaC
  - CI/CD

- **VITUALIZATION**

  - Hyper-V
  - VMware
  - Nested Virtualization

- **NETWORK**

  - Load Balancers - HLB, NLB, GTM
  - ACL
  - Firewall, DNS, Dual-Homin