

WAHEEDULLAH </>

BARAKZAI

Software Engineer /  
System Integrator

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## STACK

- HTML/ CSS
- JavaScript
- React
- jQuery
- Flask
- ASP.NET
- C#
- Python
- SQL Server
- MySQL
- Git/Version Control
- Github
- RESTful APIs

## SKILLS

- Agile development processes and principles
- DevOps deployment
- Waterfall development
- Object Oriented Analysis and Design Patterns
- Agile mindset
- Interpersonal communication

## EDUCATION

### UNIVERSITY OF MYSORE, INDIA

Bachelor of Computer Application  
July 2013 - August 2016

Main focus on:

- Software Engineering
- Design & Analysis of Algorithms
- Data Structures
- Object Oriented Analysis and Design Patterns
- Database management Systems
- Parallel computing
- Compiler Design

## EMPLOYMENT HISTORY

### REGIONAL SECURITY TECHNICIAN

U.S Department of State, U.S Embassy Kabul  
September 2018 - November 2021

- ♦ Lead Technician in installing, Programming and Troubleshooting Access control Systems, Explosive Detection Systems, Security Surveillance Systems and Vehicle Arrest Systems.
- ♦ we installed Maglocks, Electric strikes, ADA controls, contact switches and AES Door Controls based on SHW specification for CAA areas, SEC Rooms and FE/BR doors.
- ♦ we managed 5 sites, with over 800 doors and over 2,000 Surveillance Cameras.
- ♦ we designed, installed and managed Access Controls Systems (Software House, Lenel and Genetec) from Installing to Deployment. Giving Access to groups and printing badges.
- ♦ programming and troubleshooting Explosive Detection Systems (Rapiscan ITMS).
- ♦ programming and troubleshooting Hydraulic and Electric VAS (RSSI, Delta and B&B).

### Web Designer/ Developer and Database Developer

Leading Edge Business Consultants, Kabul  
February 2014 - September 2018

- ♦ Full Stack Development experience with different tools and Languages.
- ♦ Designed static and dynamic web/windows applications according to SRS.
- ♦ Modified applications according to Client needs.
- ♦ Developed Databases for both web and windows applications.
- ♦ we developed most web/windows applications using Agile and Waterfall methodologies.
- ♦ we developed applications with mixed skill set.

### Lecturer

Maryam University, Kabul  
October 2016 - September 2018

- ♦ I had the honor to be among the most outstanding professors and students.

- ♦ I have taught subjects ranging from how computers work to how to design their own compiler:
  1. Computer Architecture
  2. Database management System and Design
  3. Design & Analysis of Algorithms
  4. Compiler Design

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## PROJECTS

### **Bakhtar University**

A full stack application for a university main website  
created with: ASP.NET, C#, SQL Server, HTML/CSS/JS/jQuery

<https://www.bakhtar.edu.af/>

### **Personal Portfolio**

Personal portfolio to showcase projects and resume  
created with: pure HTML/CSS/JS, frame work free

<https://github.com/WBarakzai/portfolio-V1>

### **Afghan Women's Education Center**

A full stack application for supporting Afghan Women's Education  
created with: C#, MySQL, HTML/CSS/JS/jQuery

<https://awec.info/Home/>