Burhan

I'm Full Stack Engineer who is open to learning, loves to learn and teach, conducts research in his field and enjoys producing solutions to problem. I have more than 19 years of experience in computer and I'm one of the lucky people who get their childhood dream as a business.

Experience

Software Engineer(2023-Current) *Bilkent Holding/Meteksan Turkey,Ankara*
I work in a printing and technology company that organizes all exams held and to be held in the Republic of Turkey, in which a minimum of 400,000 and a maximum of 3 million candidates participate.

Project 1:
- Necessary technical support was provided for the development of junior software developers working on the project.
- Analysis and creation of mock-ups considering the needs of the completed parts of the project.
- Processing of camera images, grouping, reporting, and displaying results on different screens based on processed image values.
- Implementation of CRUD operations integrated with API based on evaluation processes.
- Completion and evaluation tests for the finished phase of the project.

Project 2:
- Processing of exams uploaded to the system online.
- Creation of necessary APIs for simultaneous answering and evaluation processes by candidates with specific controls.
- Development of MVC screens for exam controllers.
- Database attach before the exam, deattach after the exam processes.
- Hardware controls of devices and information about which device will be used in which room.
- Completion and evaluation tests for the finished project.

Project 3:
- In this project, apart from software, I also served as a team leader. I was involved in the team formation of the project from the very beginning, selection of candidates to be included in the project team, planning of the project, task distribution, technical support and control.
- The infrastructure and system requirements to be used in the project were determined.
- A new database was created by obtaining the information of the candidates who will take the exams, in which a minimum of 400,000 and a maximum of 3 million candidates across the country, and the officials who will administer the exam are obtained from the relevant institution.
- Using this database, I developed a program that automatically creates booklets, answer key forms, and the building, class, and desk numbers to be delivered to candidates.
- With this program, authorities are also given to the departments based on the transactions they will carry out; Printing, packaging, barcoding, boxing of booklets and answer keys, creating lock keys for the box, and planning their placement on vehicles according to the regions where they will be distributed are provided.
- System operations, which previously took approximately a week manually and were prone to errors, have now become error-free and take a maximum of 5 hours.

- Layered architecture and MVC were used in this project. MSSQL database was used in database operations.

Project 4:
- *Errors were found in the IoT project written in Next.js and React.js.*
- *The errors found have been eliminated.*
- *Erroneous data from past transactions were corrected in the Postresql database and edited with correct data.*

Database: MySQL, MSSQL, POSTGRESQL
Backend Technologies: ASP.NET, MVC, API, MVC CORE (NET Framework 4.0-7.0),Next.js
Frontend Technologies: jQuery,Ajax
Other Technologies: React, React-Native, Javascript, CSS, Bootstrap, JSON

Software Developer (2022-2023) *TCDD Teknik A.Ş. Turkey, Ankara*
I participated in two projects within the scope of digitalization at TCDD, which is responsible for the management of all railways of the country, from the beginning to the end of the project.

Project: Digitization and visualization of train movement lines used in Train Traffic Management

- Conducting necessary analyses and designing mock-ups.
- Researching technologies to be used (development of D3.js functions).
- Placement of stations on the graphic according to data obtained from the API.
- Displaying planned movements of trains in different colors on the graphic based on data obtained from the API.
- Creating information screens indicating that the lines drawn on the screen are in motion according to the data entered by the user.
- Creating lines on the screen with the completion confirmation of the user.
- Processing of operations for waiting trains.
- Synchronization of all processes to the database in real-time.

Database: MSSQL (First Code.)
Backend Technologies: ASP.NET, MVC, API, MVC CORE (NET Framework 6.0)
Frontend Technologies: React.js, Node.js, Blazor, jQuery
Other Technologies: Javascript, CSS, D3.JS, Bootstrap, WFC, Redis, JSON, RabbitMQ
Additionally, custom code for data visualizations using the D3.js library.

Software Engineer (2007-2022) *Ministry of National Education (MEB), Ankara*

I worked in the public unit that created, supervised and operated the education system in Turkey.

Database operations, interface designs, backend design, and program testing for a program including salary calculations, insurance transactions, and personnel tracking used in the Human Resources department.

Project to Encourage Syrian Children in the Turkish Education System – MEB Ankara
- Ensuring server security, installing antivirus programs on systems, providing remote access, using shared printers, firewall checks, and network security procedures.

Fatih Project – MEB Ankara Yenimahalle
- Enabling remote access for 250 terminals, conducting firewall checks, and network inspections for shared terminal usage.

Ministry of National Education (MEB), Ankara
- Teaching web design, web programming, database management, object-oriented programming, and graphic design to Vocational and Technical High School Information Technologies Department students through face-to-face and online methods.

Education

- Bachelor's Degree in Computer Engineering (2015) - Kırıkkale University / Turkey
- Faculty of Industrial Arts Education (Industrial Technology Teacher) (2007) - Gazi University /Ankara, Turkey
- Vocational School of Applied Sciences (Computer Programming) (2002) - Adnan Menderes University/ Turkey

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Skills

Programming Languages: C#, Python
Web Technologies: ASP.NET, ASP.NET MVC, ASP.NET MVC CORE, API, Next.js,Node.js, React, Blazor, RabbitMQ, jQuery, Javascript, CSS, D3.JS, Bootstrap, WFC, Soap Rest, XML, JSON
Database: MSSQL, MySQL, Oracle, T-SQL, MongoDB
Design: Photoshop, Freehand, Illustrator
Language: English Level B1-B2
Repository: Gitlab,SVN,Github
Cloud: Azure and AWS (In the institutions I work for, they keep the data on their own fixed server in accordance with the personal data protection law and for security reasons. But I have the necessary knowledge to use it.)

Explanation: I cannot use my githup address because I cannot use the githup platform in accordance with the confidentiality agreement I made at the company I currently work for.