Güney Fırat ŞAHİN

Yıldız Technical University (Istanbul) / Computer Engineering Graduate (B.S. Degree)

5+ years USA Company experienced Full Stack Software Engineer (+ Freelancer)

ERP, eCommerce, Enterprise Solutions experience on Web & Mobile environments

Personal Information:

Date / Place of Birth	:	15.09.1987 / Istanbul, Turkey
Nationality	:	Turkish
Marital Status	:	Single
Driving License	:	Yes (B Class) (Valid in Europe)
Military Service	:	Done (Completion Date: 11.02.2015)
Smoker	:	No
Travel / Moving	:	Open for it (no obstacle right now)
Remote Working	:	Open for it (ideally half-remote / half-office)

Contact Information:

Current Residency	:	Istanbul, Turkey
Email / Google Meet	:	guneyfiratsahin@gmail.com
Skype	:	firatsahin87

Web Links:

Personal Website	:	https://www.guneyfiratsahin.com
LinkedIn Profile	:	https://www.linkedin.com/in/guneyfiratsahin
GitHub Account	:	https://github.com/firatsahin
		https://firatsahin.github.io
StackOverflow	:	https://stackoverflow.com/cv/firatsahin

Education :

2005 – 2011	**Yıldız Technical University (Istanbul)**
	Bachelor's Degree on Computer Science & Engineering
2001 – 2004	**Kartal Lisesi**
	High School
1993 – 2001	**Ortadoğu College**
	Elementary School

Languages :

Turkish	**English**
(Native or bilingual proficiency)	(Full professional proficiency)

Summary :

Hi, this is Firat. I'm an Istanbul, Turkey based Full Stack Software Developer / Engineer who has 5+ years of experience and here is my story;

I graduated from Yıldız Technical University (Istanbul) with a Bachelor's Degree on Computer Engineering in 2011. I developed school and freelance projects during my university education period (which I have explained some on Projects section).

In 2013, I went to United States (Los Angeles) with an internship program as a Web Developer Intern and worked for 1 year over there. Although the company had offered me to stay at the end of that period, I preferred coming back to my home country for personal reasons. However, that didn't end our relationship and I continued working as a Remote Software Developer / Engineer from Istanbul.

- What kind of developer / engineer am I..?

I'm a pretty passionate engineer when it comes to developing well-organized, smartly structured & valuable features / products. I get enthusiastic when I'm discussing about the architecture of the software or building the backbone of an

application which all the other functionalities will be based on.

I'm more of a project person rather than 9-to-5 mentality. I take ownership of the product I've been working on and my point of view while development is "adding value to the product" rather than just "writing code". So that being said, I'm a kind of developer that can be considered for Team Lead, Project Lead or Principle Developer kind of roles as well (now or future).

Coding is one of the things that I don't get bored of. I do coding just for fun in my free times. The idea of making the device do something for you or devices talk to each other gets me excited. I also follow the software trends and try my best to be up-to-date about the new approaches / tools (even though things change rapidly in IT sector).

To wrap up, I'm a software developer/engineer who produces efficient, well-structured, clean, understandable, easy-to-maintain and well-commented code which solves some kind of real world problems. Besides coding, I prepare good documentation too if needed.

Also, I am the kind of guy who is a good researcher, self-learner and does his job with a minimum need of supervision. Lastly, I'm also familiar with remote meetings (screen sharing, presenting/discussing things over it etc.) because of being a remote developer over the past years.

Experience   :

01.2018 – 05.2019   **Full Stack Software Engineer (Remote) at NHN Global**
(1 year 5 months) | Los Angeles, California, USA

Since our company (CompSolution) was merged into NHN Global as of 2018, we have turned into NHN Global developers. Our team structure and responsibilities didn't change dramatically and we kept running our development / bug fixing / maintenance tasks same as before.

In addition to regular tasks, we also worked on Mobile App, Integration API etc. kind of side projects in this period of time.

07.2015 – 12.2017   **Full Stack Software Engineer (Remote) at 3 Stars Mentoring, Inc. (dba. CompSolution)**
(2 year 6 months) | Buena Park, California, USA

After finishing my mandatory military obligation in my home country, I continued working as a full stack software engineer (remote) at the company that I had gone for the internship program in 2013.

My responsibilities basically were;

- Contributing to the regular maintenance / bug fixing processes and doing new feature / module developments for our existing projects.

- Playing an active role on software architecture planning & the code development processes for our new projects.

- Performing some of server maintenance, database migration, software deployment kind of operations whenever they were needed. My working hours in Istanbul were non-business hours in LA, we used that time difference as an advantage to get those critical/operational tasks performed by me securely out of LA business hours.

- Doing research about things that are new for us (it could be a new tool, 3rd party library, API etc.). Figuring out what it is and how we can get benefit from that for our project & preparing documentation/presentation about that topic.

02.2013 – 07.2014   **Web Developer Intern at 3 Stars Mentoring, Inc. (dba. CompSolution)**
(1 year 6 months) | La Habra, California, USA

Worked as a web developer intern back in 2013 which was the starting point of my career. I was physically at the office in US for the first 1 year of period, then I continued 6 more months remotely from my home country. We developed majority of the eLAMBS project in that while which was the cloud-based, SaaS version of LAMBS Desktop ERP program.

I worked on front-end and back-end parts both on an ASP.NET project stack. On front-end, developed robust and reusable structures for different purposes and used those structures when necessary. On back-end, generally developed ASP.NET Web Service functions which were consumed by the front-end.

Projects   :

02.2020 – 06.2020   **Recycling Company Corporate Web Site (Freelance Project)**

I developed a new corporate web site for recycling company Degsan as they find their old web site unmodern and outdated. They asked me to make a modern, responsive & manageable one as they will want to update/manage their web site content regularly in the future.

For this purpose, I wanted to use a CMS background since coding an admin panel from scratch is too much work and not a cost-efficient approach. So, I decided to use WordPress in the background but the challenge I set to myself in this project was; developing the theme logic by myself and using WordPress features on demand manually (kind of headless-CMS usage).

I coded the theme logic from the zero point, so I needed to deep-dive into the WordPress core codes to understand its structure. I also developed some additional features by myself (like menu systems, multiple language support, e-bulletin subscription logic, custom widgets and content editing screens on the real site after the admin login).

Lastly, applied the common SEO practices to the website after it was completed in order to increase its search engine rank as much as possible. That web site is live on https://www.degsan.com.tr address.

10.2019 – 01.2020   **Personal Portfolio Website for myself (Side Project)**

I have developed a personal portfolio web site for myself as a side project in order to express my programmer, musician and human personas on the web.

The landing page was designed & developed by me from scratch. The software engineer site was based on a static front-end template. Its back-end logic (and also blog part background) was coded by me. Some front-end improvements were implemented too (like maximize-minimize feature etc).

It can be checked on https://www.guneyfiratsahin.com address.

2018 – 2020   **Repertory Management System for Musicians (Non-profit / Side Project)**

This project is basically developed by me focusing on musicians' needs (as I am one of them). I used to prepare hard-copy repertories for my performances by printing many pages but after a while physical file gets very heavy and also finding a song becomes a really hard task.

For solving that problem, I prepared a digital repertory as a simple offline web page for myself and used it for a while. Then, I converted that simple front-end app to a multi-user web project that anyone can sign up and start to use as a service.

The database has artists->songs->lyrics tables in a related way. For creating the song data, I coded and ran a web crawling process for collecting song data from

the web regularly. Song library data was created in a structured way and also some normalizations done (camel-casing the names, avoiding/merging duplicate records etc).

After the library creation, any user can create their repertories and add songs to them from the song library. Many customizations can be done on the added song (like customizing its lyrics, setting tone, chord, tempo, capo position, bpm, ready status and also adding custom tags).

Final and the best part for us musicians is; we got able to access our song list anywhere/anytime by using any device (w/an internet connection) and our user credentials. Then we can filter our songs by many different criteria. I'm using it actively on my musical performances & also on my repertory studies.

If you are interested, you can also sign up and try it out on its live address which is https://www.myrepertuar.com. Unfortunately, it's only available in Turkish language right now. (Maybe you can use a website translator tool)

TECH STACK:

On the front end; I used AngularJS & Less frameworks to ease and speed up the JS/CSS development. I also developed my own responsive design framework for this project (instead of Bootstrap etc).

On the back end side; I used CodeIgniter framework on PHP 7.x with MVC coding structure. Also designed a JSON API for XHR requests coming from Angular side.

For the database; I used MySQL/MariaDB to create the relational database tables. I designed all db table structure, views and maintenance functions.

2018 – 2019   **Mobile App Development Projects (Hybrid & Native Apps)**

Hybrid Mobile App Development (w/Ionic Framework): I contributed to a hybrid mobile app development project with the Ionic Framework (so with Angular & TypeScript too). It was a simple app but was enough to make me get familiar with the basics of the hybrid mobile app development with Ionic.

Native iOS App Development (w/Swift 4): I also contributed to a native iOS App development project (which was a Warehouse Management System) with Swift 4. Our target device for that project was iPad. So, I have familiarity with Mac & XCode and some knowledge on Native iOS Development with Swift 4.

2016 – 2018   **Integration Projects (Shipping, Payment Gateway & Other Solution)**

After the eLAMBS ERP & Shop solutions were developed and they became stable, we started to apply integrations between some 3rd party solutions / services and our ERP solution to extend its functionality. Those were mainly;

- Shipping Integrations (UPS & Fedex): We have implemented UPS Integration to our solution which allows our customers use features such as getting estimated rates for a particular planned shipment, creating a shipment, tracking a shipment after creation, canceling it etc. just by using our solution and without any need of UPS website usage. I played an active role on that UPS Integration process from planning to implementation phase, I used UPS REST API with JSON type request to interact with UPS Services and stored necessary data to the related tables on our db.

For another project (.NET project), I also implemented Fedex integration too which was pretty similar to UPS integration process.

- Payment Gateway Integrations (Spreedly & Elavon-Converge): We have also integrated our ERP's credit card payment option to a real payment process. I played an active role on Spreedly Payment Gateway Integration for Tokenize (Add New Card), Authorize, Capture, CancelAuth, Auth&Capture, Refund actions by using Spreedly's RESTful API and our db as well. I also set up their iFrame solution to our front for transporting the card number from front to their service

in most secure way.

After Spreedly integration was done, we also applied Elavon's Converge service integration too which was a similar process to Spreedly.

- Other Solution Integrations: I have also contributed to some of our 2 different solution integration processes (by designing an integration API for other party to call and also adding other party's integration API calls whenever they were needed in our solution).

2015 – 2018	**eLAMBS Shop Project (ERP Integrated E-Commerce Solution)**

eLAMBS Shop is the e-commerce solution that we provide to our existing eLAMBS ERP customers. The common advantage of choosing our e-commerce solution over their independent web sites for our customers is; our e-commerce solution data made fully integrated with the ERP system. In other words, when they make a change on ERP (sales, invoice, inventory etc.), it directly takes effect on their e-commerce site. So they don't need to update the same stuff twice.

Other than that, we provide multiple design layouts for our shop system (since customers are not willing to use the same design with each other), our customers can pick among the designs we provide and customize their shop sites by using the ERP's Mall module. Or if they have their own design, we can apply the shop system on their own design too.

For the system background, we used ASP.NET MVC5 project for the shop web site and ASP.NET Web API 2 as the data serving API for multiple instances of the shop site. That means multiple shop web site instances will be consuming one API to get their data. I implemented most of the parts of the App and also API's authentication procedure which was kind of critical.

For the front-end, we used AngularJS 1.x with Controllers, Factories, Services & Directives which were written by us. Also used jQuery & Bootstrap plugins / components on needed designs. I implemented mostly the root / page / partial controllers, factories (to interact with API) and data-binding expressions for the presentation of the data.

Several live instances (PC / Mobile) of that project can be checked on http://info.elambs.com/OnlineShop address.

2013 – 2018	**eLAMBS Project (ERP Solution for Apparel Industry)**

Project Description:

- eLAMBS is the web version of the LAMBS program which is a B2B ERP solution (manufacturing & wholesale distribution software) specified for the garment industry needs. It handles main ERP functions such as Sales Order, Invoicing, Accounts Receivable, Purchase Order, Inventory Control and Customer Management. It is commonly used by the companies located in Los Angeles Fashion District.

My responsibilities were;

- Implementing page level actions using Javascript / JQuery / Ajax on data intense pages. Testing front-end code on common browsers and optimization for cross browser support / consistence.

- Writing ASP.NET Web Services for the AJAX requests coming from the pages to interact with application's data access layer through them.

- Development of custom JQuery UI widgets for some specified needs such as Auto-Complete Dropdown List, Form Validation, Popup, Pagination, User Dialog, Multiple File Upload, Progress Display etc. in object oriented Javascript development structure to be able to reuse in any other projects too.

- Doing research about third party tools we are willing to use, testing and

preparing reports based on the test results, giving presentations and suggestions to my supervisors in order to decide which one we're gonna use.

- Development of front-end data reading / writing / caching / processing policies for various data & field types. Implementation of common utility functions on front and a little HTML / CSS development when necessary.

- Reporting daily work and doing daily check-ins to the TFS. Besides, preparing detailed documentations about the widgets / modules that I have developed to make them clear for the people who will use / maintain them in the future.

This project is in use on https://www.elambs.com address and information about the product can be gotten here; http://info.elambs.com

12.2011 – 02.2012	**Olcay Saymar Architecture & Visualization	Web-Based Portfolio**

I have developed a web application that allows Architect Olcay Saymar to share his architecture and/or 3D visualization projects with their rendered images as a personal portfolio on his web address.

By using the administration panel which was developed with PHP, MySQL, jQuery and Ajax technologies, he can add / delete / update his projects and he can also add / delete / show / hide and sort the images (by setting a priority value) which belong to the projects. An admin panel which supplies that kind of management tasks was also written by me.

The site is in use on http://www.olcaysaymar.com address.

10.2011 – 01.2012	**Web Based Vehicle Shopping System	Freelance Project**

The main purpose of that project is to make vehicle sellers & buyers find each other on the internet and sell/buy vehicles by using this system. We have vehicle categories which are cars, motorcycles and trucks in our system and those vehicles can be for sale or rental. Buyers can filter vehicles by using the tools on our search page, access the detail information of his/her desired vehicles and contact information of the sellers of those vehicles.

For its technical background, I made HTML and CSS coding in order to create pages from the PSD design and on back-end side I used CodeIgniter framework which is a modular, scalable, secure and high performance PHP framework for PHP/MySQL based systems. Thanks to that MVC framework, I was able to do business logic, data modeling / access and user interface coding on separate sources and build clean, understandable and multi-tiered code structure which is useful for teamwork.

10.2009 – 02.2010	**Yıldız Technical University Alumni Portal	University Senior Project**

I have developed an application to my University as my Senior Project to provide a social networking portal for Yıldız Technical University graduates. In this project which I used PHP / MySQL technologies for its back-end, graduates can sign up with their personal information and build their profile pages. They can set privacy levels to each of their data to restrict the community that may access that data and they can communicate to each other by using the messaging module of our system.

In addition to the graduate role, we also have faculty, department and rector administrative roles in that system. The users who have the privilege of those roles can perform some administrative actions like approval / denial of their graduate signup requests, management of the graduate accounts that they are responsible for, importing data of the new graduates at the end of each semester and getting some statistics / reports about their graduates.

Skills   :

Front-End (Client-Side) Skills
- HTML5 / CSS3 (Less) / JavaScript

- jQuery / jQuery UI / Kendo UI / AngularJS (1.x) / Angular (TypeScript) / Bootstrap
- XHR / AJAX / XML / JSON / DOM Manipulation
- Reactive / Asynchronous Programming

Back-End (Server-Side) Skills
- C / C++ / C# Programming Languages
- ASP.NET Framework / ASP.NET MVC5 / ASP.NET Web API 2
- Visual Studio IDE / SQL Server Management Studio
- PHP (CodeIgniter MVC Framework)
- Java / NetBeans / Eclipse

Mobile App Development Skills
- iOS Development (Swift 4)
- Hybrid Mobile App Development (Ionic)

3rd Party API / Service Integration Skills
- Shipping Integration (UPS & Fedex APIs)
- Payment Gateway Integration (Spreedly, Elavon-Converge APIs)

Continuous Integration / Continuous Delivery
- Source Control Systems (TFS, Git)
- Deployment Systems (Jenkins)

Database Development & Management Skills
- Experience on MSSQL, MySQL & Oracle databases
- Relational Database Design & Implementation based on System Analysis
- SQL, Transact-SQL & PL/SQL for Data Definition & Manipulation

Additional Skills
- B2B ERP & E-Commerce Solutions understanding & development experience
- Experience on preparing reports & good documentation
- Search Engine Optimization Basics
- NodeJS / npm / socket.io (for real-time app development)
- Microsoft Office tools / Google G-Suite tools
- Adobe Dreamweaver / Adobe Photoshop

Internships   :

2012   **6 News / 6 Haber Ajansı ve Ticaret A.Ş.**
                4 Weeks of Software Internship

2011   **Yıldız Technical University / Natural Language Processing Team (Kemik)**
                4 Weeks of Software Internship

2011   **Arçelik-LG Klima Sanayi ve Ticaret A.Ş. (Gebze / İzmit)**
                5 Weeks of Hardware / System & Network Internship

Interests   :   Music Production, Playing Guitar & Singing, Watching Series & Experience Videos, Swimming, Basketball, Cars and Traveling.

BONUS   :   I'm also a Musician and making music videos for YouTube.

                Here is the link of my YouTube channel in case you may want to check out;
                https://www.youtube.com/c/FiratSahinTV

                There are mostly cover songs with Turkish & English lyrics both.

                Sound recording, mixing, video shooting, editing stages are all done by myself.