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GitHub

# Burak Hamdi TUFAN

Software Development Expert

## Experiences

### Aircraft Avionics Engineer

*Turkish Technic ~ 2017 Aug - present*

Here is an overview of my experience and key achievements working for this company.

- Isolation all faults about avionic systems of aircrafts.
- Isolation all faults in mechanical systems of aircrafts.
- Using all related documentaries of aircraft producer companies.
- Modifications on aircrafts supplied from customers.
- Both line and base maintenance experiences in Turkish Technic.

### Software Development Expert

*Visnet IT and R&D ~ 2016 June – Present (Academically)*

Here is an overview of my experience and key achievements working for this company.

- Designing Electronic PCB's for our Cessna 172 Simulator.
- Development softwares of created electronic systems of our products
- Development interface softwares between electronic systems and simulator.
- Developing gesture system of moving simulator.
- Developing embedded and management softwares of moving simulator.
- Developing flight controls of hoverwing developed by Visnet R & D.
- Developing embedded and management softwares of moving simulator of hoverwing developed by Visnet R & D.
- Designing websites for some companies.
- Developing integrated system softwares for some companies.

### Aircraft Avionics Engineer Trainee

*Turkish Technic ~ 2016 Sept - 2017 June*

Here is an overview of my experience and key achievements working for this company.

- Aircraft maintenance trainee.
- Isolation all faults about avionic systems of aircrafts.

### Software Development Expert

*Nacsoft Software Development ~2014 March - 2016 June*

Here is an overview of my experience and key achievements working for this company.

- Worked on Posture Assist project about image processing and web technologies
- Created an e-Commerce website with PHP and its android side
- Various software development for some companies for IT business

## Author & Designer

Thecodeprogram ~2012 Sept - Present

- I developed a program that keeps and process all informations about students and teacher for my high school when I was studying at high school.
- I have created so many Mobile apps and websites for some new companies
- Various software development for some companies for IT business
- Sharing programming experiences on my own blog.

## Qualifications

### Personal Security

Sabiha Gokcen Airport ~ 2015

### English Preperation Course

Kocaeli University School of Foreign Languages ~ 2012 – 2013

English Language Course

- Intermediate Level Reading
- Intermediate Level Writing
- Intermediate Level Speaking

## Skills

## Level

• C# Programming Language	●●●●●●●●●●
• C++ Programming Language	●●●●●●●●●●
• Java Programming Language	●●●●●●●●●●
• SQL(MSSQL, MySQL)	●●●●●●●●●●
• React Native	●●●●●●●●●●
• ASP.NET	●●●●●●●●●●
• PHP	●●●●●●●●●●
• Java Script	●●●●●●●●●●
• Altium	●●●●●●●●●●
• Flutter	●●●●●●●●●●
• STM32 Microprocessors	●●●●●●●●●●

## References

Sedat Babalık : Bimser COZUM founder and CEO : [sbabalik@bimser.com.tr](mailto:sbabalik@bimser.com.tr)

Satılmış Ürgün : Visnet I&D and R&D CEO : [satilmisurgun@gmail.com](mailto:satilmisurgun@gmail.com)

## Publications

- Tufan, B , Ürgün, S . (2020). Düşük Maliyetli 6 Eksen Hareketli Uçuş Simülatörü Prototip Tasarımı . Avrupa Bilim ve Teknoloji Dergisi , (20) , 299-310 . DOI: 10.31590/ejosat.783420

## Why We Should Work Together ?

My Name is Burak Hamdi TUFAN. I have graduated From Kocaeli University / Turkey. I have studied on Aircraft Avionics Maintenance. Now I am working for Turkish Airlines Technic as Aircraft Avionic Technician.

I am a software developer. I was working software companies while I was studying at university. The Companies that I worked are Nacsoft Software LTD and Visnet IT R&D and we have developed a Cessna 172 Simulator. I have developed Electronic PCB's and all softwares of this simulator. We are still working on simulator. We are developing a Radio Panel that has Audio panel, Communication and navigation (1 and 2) panels, ADF, XPNDR and AutoPilot panels for our Cessna simulator. After that we will develop a simulator that has movement as same as real Cessna 172. I am the only software developer working on this project.

While I was working for Nacsoft Software I developed a software about Image Processing and a website for e-Commerce. Also created automated systems for customers depends on their needs.

I love researching and developing somethings. I am developing softwares almost for 9 years. I can develop softwares with QT C++, C#, Java, ASP.NET, PHP, Javascript, CSS, Keil with C(for STM32 - ARM Architecture Microprocessor), Arduino, SQL(MSSQL,MySQL,SQLite), Android.

So I am only 25 years old but I have so much experiences about computer technologies. I believe I will be very helpful for your software team.

Best Regards.