



# Burak Hamdi TUFAN

Software Developer – R&D Expert  
Aircraft Maintenance Engineer

## 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 Boeing 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 Cessna 172 Simulator.
- 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.
- Avionic System : All electricity and electronic system 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

burakhamditufan@gmail.com

0090 555 146 3333

TUZLA / ISTANBUL  
TURKEY

thecodeprogram

burakhamditufan@gmail.com

burak-hamdi-tufan



### Freelancer Software Developer

Thecodeprogram ~2010 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

## 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

### Aircraft Maintenance Trainee

Turkish Technic Sabiha Gokcen Facilities Wide Body Hangar ~ 2016 – 2017

Maintenance on Turkish Airlines aircrafts

- Boeing 777
- Airbus A330
- Boeing 737
- Airbus A320

## Skills

## Level

• C# Programming Language	●●●●●●●●●●●●●●●●
• C++ Programming Language	●●●●●●●●●●●●●●●●
• Java Programming Language	●●●●●●●●●●●●●●●●
• SQL(MSSQL, MySQL, Sqlite)	●●●●●●●●●●●●●●●●
• Android With Java	●●●●●●●●●●●●●●●●
• React Native	●●●●●●●●●●●●●●●●
• Arduino	●●●●●●●●●●●●●●●●
• Visual Basic .NET	●●●●●●●●●●●●●●●●
• ASP.NET	●●●●●●●●●●●●●●●●
• PHP	●●●●●●●●●●●●●●●●
• Java Script	●●●●●●●●●●●●●●●●
• STM32(ARM) With Keil	●●●●●●●●●●●●●●●●
• MS Office	●●●●●●●●●●●●●●●●
• Proteus	●●●●●●●●●●●●●●●●
• Eagle	●●●●●●●●●●●●●●●●
• AutoCAD	●●●●●●●●●●●●●●●●

---

## 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)

Nasır Çoruh : Kocaeli University Vice-Dean : [ncoruh@kocaeli.edu.tr](mailto:ncoruh@kocaeli.edu.tr)

---

## 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 7 years. I can develop softwares with QT C++, C#, Java, Visual Basic, ASP.NET, PHP, Javascript, CSS, Keil with C(for STM32 - ARM Architecture Microprocessor), Arduino, SQL(MSSQL,MySQL,SqLite), Android. Also I have started to learn Phyton and React Native.

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.

Our Cessna Simulator : Please Click <http://myaerokit.com/urun-detay.php?genel-havacilik-simulatoru-cessna-flight-simulator-GA001>

My Android Apps On Google Play : Please Click <https://play.google.com/store/apps/dev?id=8887179727339511644>

My Personal Website : Please Click <http://thecodeprogram.com/>

Best Regards.