Bulut AKAY
Electrical-Electronics Engineer

PERSONAL INFORMATION

Nationality: Republic of Turkey

Date of birth: 22.10.1990

Marital status: Single

Military service: Delayed (31.12.2020)

Driving license: B Class (2014 / Active driver)

CONTACT

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Dear Employer,

I would like to introduce myself as an engineer graduated from Karadeniz Technical University, Department of Electrical and Electronics Engineering. I created my own goal with my previous training information, the information I have acquired here and the information I have acquired.

One of my primary goals is to contribute to the work place I will work with with the technical knowledge I gained through my education and work history. I'm willing to learn, and I'm ready to do what it takes to be an engineer who knows about myself in the long run. During my internship and working time, I have not only applied my technical knowledge, but also the practice of project management, teamwork and engineering up-to-date.

I've reviewed your business area, and I think this sector is suited to my educational background and personal characteristics. I would like to be of benefit to your company in your job description. You can find more detailed information about me in my attached CV. If you see it necessary, I would like to discuss it in order to give you more detailed information. Thank you in advance for your interest.
Yours truly,

EXPERIENCES

2019-08
2019-02

R&D Engineer
Whilone Teknoloji Yazılım ve Dan. Ltd. Şti.
I took part in the following duties of this company working on Defense Industry and Medical Products.
• Embedded software (ARM architecture processor)
• Power electronics design (Digital design)
• PCB card design (PCB drawing up to 2 layers with Altium Designer, circuit analysis with Proteus)
• Electromechanics and Automation

2018-11
2018-07

Site Supervisor
NESKA Yapı ve Otomotiv Ltd. Şti.
I took part in the following duties of this company working on building control
- Field and team management
- Reporting, process payment and quantity calculation

SKILLS

Microprocessors

ST (STM32Fxx)

Texas Instruments (MSP430Gxx)

Arduino (ATMEGA)

Microchip (PIC16fxx/18fxx)

MBed

PLC (Programmable Logic Controller)

Siemens (S7-1200)

Software Languages

C

Assembly

Others

VHDL

FBGA

MATLAB

MultiSIM

AutoCAD

Microsoft Office

Altium Designer

Proteus

Foreing Languages

English

2018-05
2017-10

Electrical-Electronics Engineer
SAKA Su ve Atık Su Arıtma Sistemleri

I took part in the following duties of this company working on water treatment systems
- PLC and software of it (TIA Portal-S71200)
- Progress payment, reporting and quantity calculation.
- Automation, panel and control system production, technical drawings (AutoCAD)
- The sales unit of the related department
- System commissioning and testing

2013-06
2012-10

Technical Personel
Armen Reklamcılık

I took part in the following duties of this company working on advertising;
- Electronic board and circuit design (Regulator, filtration circuits)
- Software of microprocessor (PIC16fxx)
- Assembling and testing

2011-07
2008-10

Technical Personel
İŞKAYA İnş. Tic. Tur. Ltd. Şirketi

I took part in the following duties of this company working on communication;
- Connection and fusion of fiber optical cable (Fujikura FSM60s-50s)
- Measurement, testing and commissioning
- (T-BERD/MTS-2000 and MTS-6000)
- Infrastructure and urban planning
- Progress payment, reporting and quantity calculation
- Fault detection, maintenance and repairing

2008-04
2007-07

Technical Personel
MİRAÇ Elektrik ve Taahhüt Ltd Şti.

I took part in the following duties of this company working on buildings under the roof of Housing Development Administration of Turkey
- Low voltage transmission and distribution
- Electrical interior installation
- Medium voltage transmission and distribution
- Commissioning, testing and measurement of system, connection of distribution transformers.

CAREER GOAL

My goal is not only to have a job, but also by developing myself in fields such as IT and Technology to do something useful for human beings with a spirit of research. Throughout my education life, I have constantly questioned and tried to learn. In my business life, I will be open to continuous learning in order to keep my information constantly up to date, not to follow the technology, but to be in a line that follows its technology.

My goal for the future is to be among the people who determine the technology in an R&D unit in an international company. I believe that challenges can be overcome through lifelong learning. I have always reached my goals by working. I sincerely believe that I will be able to achieve my next goals.

PROJECTS

- **PURIFICATION SYSTEM OF DRINKING WATER**
  I made the control panel, automation panel and electrical connections of the drinking water system of Nigde Open Prison individually. The system is a project that runs automatically using need-based purification in the same way that I program its algorithm, regardless of the control of any personnel.

- **RADIO FREQUENCY CONTROLLED FIRE FIGHTING AIRCRAFT**
  In Karadeniz Technical University (as a graduation project), it is a project which can control the fires without humans and control the fire without contact with fire in order to minimize the loss of life and property.

- **PERSON DETECTION SYSTEM**
  It is a project that tells how many people are in there before putting the security system into use by comparing the number of people entering and leaving a structure.

- **PACKING TAPE**
  It is the work that enables the boxes moving on a band to be placed in another box when it reaches certain numbers and moved by means of a robotic arm.

- **SMART HOME SYSTEM**
  It is a project that provides the electrical control of any structure by smart phone, the detection of people at the same house and if it does not exist, automatically activates the security system and takes the power saving circuit into the system.

- **REMOTE CONTROLLED GARAGE**
  I designed a portable and remote-controlled circuit for one or more vehicle owners and developed a product that they could easily carry their parking space.

- **CAR CONTROL WITH ANDROID APPLICATION**
  It is a system that controls a vehicle by providing Bluetooth communication through an improved Android application.

- **SUNTRACKER**
  It is a project that follows the rays in order to use solar panels in the most efficient way. It is a circuit and system design that can determine the position where it can receive the rays at the right angle by means of two motors and remain constant in that position.

- Camping
- Listening music
- Swimming
- Fitness
- Coin collection

EDUCATIONS

2019-06
2013-09   **Karadeniz Technical University (K.T.U), Bachelor's Degree**
- Engineering Faculty
- Electrical-Electronics Engineering
- Average is 2,65 (out of 4,00)

2013-06
2012-09   **Karadeniz Technical University (K.T.U), Bachelor's Degree**
- School of Foreign Languages
- Department of English
- Average is 83 (out of 100)

2012-07
2011-09   **Gazi University, Associate Degree**
- Gazi Junior Technical College
- Energy Production-Transmission-Distribution
- Average is 3,00 (out of 4,00)

2011-06
2010-09   **Artvin Çoruh University, Associate Degree**
- Artvin Junior Technical College
- Energy Production-Transmission-Distribution
- Average is 3,02 (out of 4,00)

REFERENCES

İskender Tuğrul KORKUT
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