

Aykut MAYALI

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CAREER SUMMARY

Software Developer & Electrical-Electronics Engineer

After programming tailored machines for Industrial Automation Applications, now I am working as a Software Developer for last 2 years. I am versatile and good at learning new things from different kind of areas.

I had various responsibilities at Planning – Developing – Testing – Maintaining phases of different projects.

Personal Skills: Good at teamwork, dependable, detail oriented, fast learner, motivated, very good interpersonal skills and open to communication

PROFESSIONAL EXPERIENCE

Software Engineer

Subje Bilisim (www.subjebilisim.com/) – Startup Company developing own product
January 2020 – Present, Istanbul - TURKEY

Responsibilities

- Developing and Testing as Full Stack Developer working under Agile Scrum Methodology with JIRA

Achievements

- Develop Tubitak Project -> <https://sbeacon.azurewebsites.net/>
Beacon Tracking System with Java ,Angular ,MySQL, .NetCore website with MVC C#
- Build company's own web site -> <https://www.subjebilisim.com/>
with HTML, CSS, JS
- Implement & Integrate Test Automation Tool UFT One
Testing Mobile Applications and Python Unit Tests over CICD Pipeline with Github and Azure

Software Developer

MedicalPark (www.medicalpark.com.tr) - Turkey's largest hospital trademark
July 2019 – January 2020, Izmir - TURKEY

Responsibilities

- Configuration, operation and troubleshooting of current CRM
- Building IOT devices for Medical Applications
- Developing Performance System for employees
- Data Mining for irregular and regular reports

Achievements

- Deploying company's HR website -> <http://www.mpkariyer.com/>
with ASP.Net, MSSQL, C#,HTML, CSS
- Building wireless pedal controlled camera recorder for Endoscopy machine
with C++, Arduino, Bluetooth Switches

Automation Engineer

Gates Corporation (www.gates.com) - One of world's largest automotive parts manufacturer
December 2016 – July 2019, Izmir - TURKEY

Responsibilities

- Configuration, modification, operation and troubleshooting of automation systems on production lines with time limitations
- Checking, repairing and servicing machinery, equipment, infrastructures
- Planning and undertaking scheduled maintenance of Production lines and spare part management of plant

Achievements

- Managed successfully performance modifications on tensioner montage machines with on each machines cycle time at least between 6 – 30 seconds with S7-1200 PLC, S7-300 PLC, S7-400, Simatic, WinCC Scada, STL, Ladder, C
- Programming and adapting different scenarios for different fixtures for machines with S7-1200 PLC, S7-300 PLC, S7-400, Simatic, WinCC Scada, STL, Ladder, C
- Managed and supervised 3rd party suppliers over 20 hardware replacement projects.
- Actively involved in Automation Devices Refresh Projects in various machines, where I created & planned Bill of Materials (BOM) lists, validated design, and managed deployment.
- Contributed to Maintenance Team's success in improving SLA from 70% to 80% in less than a year.

Automation Engineer

Dedem Mechatronics (www.dedemmekatronik.com) - Izmir's largest industrial automation applications company
July 2013 – December 2016, Izmir - TURKEY

Responsibilities

- Building new industrial automation applications on tailored machines
- Commissioning and troubleshooting new machines on customers production area
- Assisting technically during presales phase.
- Coordinating customers and support teams to resolve issues quickly and effectively.
- Maintaining accurate records of sales and activities on weekly, monthly and quarterly basis.

Achievements

- Philsa Filter Tip Carrying System : Conveyor Automation with S7-1200 PLC Simatic and WinCC Scada, 14 machines
- Arcelik Refrigerator Plant ABB IRB-460 Robot – 3D Camera – PLC Controlled Project : Under control of PLC with the help of 3D Camera coordinates , Robotic Arm pick & place tools with ABB Robot Studio, C++
- Fair Board with Conveyor System : Conveyor System with Pusher and Stoper Systems with Mitsubishi PLC

FTTX Network Engineer

Turk Telekom A.S. (www.turktelekom.com.tr/en) - Largest Internet Service Provider (ISP) in Turkey
October 2008 – July 2013, Izmir - TURKEY

Responsibilities

- Performing all operational duties of Turkey's main GPON Gigabit Passive Optical Network fiber network in the Aegean Region. Commissioning Ethernet Switch, OLT and ONT (Ericsson and Alcatel) configuration
- Implementation, operation, optimization, troubleshooting and monitoring over 700 devices.
- Resolving incidents and problems onsite and remotely.
- Collaborating with other nationwide operation teams.

Achievements

- Orchestrated a team of one network engineer and two network technicians.
- Setting up and activate GPON Network in the Aegean Region.
- Successfully coordinated over 20 OLT and 700 switch installation with 3rd party solution partners.

Network Engineer

Mega International Telecommunications (www.megatelekom.com.tr) –
Alternative voice carrier
August 2007 – October 2008, Izmir - TURKEY

Responsibilities

- Monitoring, troubleshooting and maintenance of NGN VoIP network of 12 POPs throughout Turkey Veraz IMS and Soft switch operations
- Writing reports for monthly total voice traffic data using SQL database.

Achievements

- Leading communication with equipment vendors (Digitalk and Veraz) for trouble tickets and updates.
- Completed periodical hardware maintenance activities for all network equipment in 12 POPs.

TECHNICAL SKILLS

Programming Languages C#, C++, JS, Python, Java, SQL, HTML, CSS

Programming Tools Visual Studio , VS Code, Github, Anaconda, IJ Idea, PyCharm, Eclipse, MSSql, Docker Desktop, Android Studio, Micro Focus UFT One, Postman, Slack, JIRA

Certification/Course

Testing and Debugging Python : Coursera
Automation Scripts Using Bash : Coursera
MCSD : BilgeAdam
CCNA : DESEM
Sitronics Telecom Medio Class 4 Switch Level ½ Courses
(Prague, CZ)
Class 4&5 Control Switch Certificate Veraz Networks Courses
Alcatel Active Ethernet ; 6850 Omniswitch, 6250 Switch
Ericsson EDA 1500 Introduction and Implementation ; Gpon
Course Certificate
Tilgin Product Training, Homegateway Certificate
JDSU Communications Test and Measurement Equipments for
Optical Communications Network ; MTS -4000, MTS-6000,
OLP-57 (2011), HST-3000c, Smart class ethernet

EDUCATION**Master of Engineering**

Computer Systems Networking and Telecommunications

Ege University, Izmir, Turkey

September 2012 – June 2016

Project: Development of Security System Prototype Using Fingerprint and Arduino for
Entrance and Exit of Special Areas (Master Project) (Using C ++ @Arduino , Visual Studio
C# @ WebApi)

B.Sc., Electrical & Electronics Engineering

Inonu University, Malatya, Turkey

September 2002 – June 2006

LANGUAGES

English	Upper Intermediate
Turkish	Native
German	Beginner

ACTIVITIES

Computer Games, IOT Devices like Raspberry Pi and Arduino, all kind of team sports and
Bike-Run-Swim. I have a passion with History and Books.