

Ahmet Bahadir COL

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● ABOUT ME

I have Permanent Residence (PR) card for Canada. So living, working, studying etc. in Canada is not a problem for me.

My relationship with Information Technology goes back to before my undergraduate education. Even when I was not familiar with software yet, I spent my summer months working in Technical Service departments of various institutions for short periods. In this process, I saw that my social and technical skills were prone to the field of engineering and I chose Industrial Engineering, which is a field where I can integrate my skills in these fields in my education life. I have built my professional career on these skills. In addition to my business life, I continue to work as a hobby and include software-based works such as RPA projects and Web site development projects and Data Science. Besides, dealing with Opera and Musical, watching movies and improving myself about Turkish and Italian cuisine are among my hobbies.

● WORK EXPERIENCE

24/03/2022 – 31/01/2024 London, United Kingdom

BACKEND (PYTHON, DJANGO) SOFTWARE ENGINEER PLENTIFIC

- Designed and implemented RESTful API endpoints using Django REST Framework.
- Created models, views, serializers, and viewsets to handle data interactions.
- Collaborated with front-end developers to ensure seamless integration of design and functionality.
- Utilized OpenAPI Specification (OAS) to define RESTful API endpoints, request parameters, and response formats using HTML and JSON.
- Documented API paths, methods (GET, POST, PUT, DELETE), query parameters, request bodies, and response schemas.
- Optimized database queries and improved overall performance.
- Managed as well feature delivery to production in a Kubernetes based on CI/CD infrastructure.
- Implemented user authentication and authorization mechanisms.
- Conducted thorough testing and debugging to ensure high-quality code.
- Developed test cases to cover various functionalities of the application.
- Created fixtures to set up preconditions for test functions.
- Implemented parameterized tests to validate different input scenarios.
- Implemented E2E tests using Selenium WebDriver and Python programming language.
- Managed version control (git, github) for complex software projects with multiple contributors, branches, and releases.

15/03/2020 – 15/03/2022 Ankara, Türkiye

ERP PROJECT SPECIALIST ATIKER SOFTWARE

- Led ERP implementation projects from inception to completion, collaborating with cross-functional teams to ensure successful delivery within scope, budget, and timeline.
- Utilized SQL, T-SQL, and Microsoft SQL Server to design, develop, and optimize database structures and queries for ERP systems.
- Specialized in writing complex SQL procedures and functions to support various business processes and reporting requirements.
- Provided technical expertise in Delphi and Pascal programming languages for customizing and extending ERP software functionalities.
- Led ERP software sales efforts, conducting product demonstrations, preparing proposals, and negotiating contracts with clients.

- Managed ERP software installations, configurations, and upgrades, ensuring seamless integration with existing systems and minimal disruption to operations.
- Provided training and ongoing support to end-users, addressing inquiries, resolving issues, and optimizing system utilization.

01/11/2018 – 01/05/2019 Ankara, Türkiye

ENGINEERING INTERN TURKISH AEROSPACE INDUSTRIES

- Managing digital transformation for entire company
- Reading data from production fields via RaspberryPIs
- Implemented machine learning techniques via using Elasticsearch, Kibana, logstash

31/08/2018 – 31/05/2019 Ankara, Türkiye

GRADUATION PROJECT STUDENT MAN TURKEY

- Creating the Required Database and Interface for Assigning CFT Teams in Microsoft Access Platform

● **DIGITAL SKILLS**

Languages

Python , Django | Python (Programming Language) | Git | R Language (Basic) | SQL | T-SQL | C (basic) | HTML

Data Storage/Processing

PostgreSQL | Ms SQL Server | MySQL

User Interface Softwares

Visual Basic | Delphi

Simulation

Arena

Basic Softwares

Microsoft Office Excel | Microsoft Office Access | Microsoft Office Project | Microsoft Office Word | Microsoft Office Visio

Container Orchestration

Kubernetes, Docker

Automation Server

Jenkins

Project Management

Atlassian stack (Jira, Confluence, ...)

● **EDUCATION AND TRAINING**

31/08/2014 – 23/06/2019 Ankara, Türkiye

INDUSTRIAL ENGINEERING Hacettepe University

Final grade 3,12 | **Thesis** A Database Solution for The Cross Functional Team Allocation Problem in Man Türkiye

31/05/2018 – 30/06/2018 Ankara, Türkiye

INTERN Bilkent Holding

30/06/2017 – 31/07/2017 Ankara, Türkiye

INTERN Meteksan Defense

● LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B1	B1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PROJECTS

Python Selenium CRM Bot

With the support of the Python Selenium library, I created Robot software that allows data to be automatically extracted from the Web page of my company and written to Excel in a standard format. I use it actively and efficiently in periodically reporting to my manager.

<https://github.com/ahmetbahadircol/crm-bot.git>

14/11/2021 – 07/01/2022

Python Django E-Commerce App

A simple Python Django E-Commerce app. This app allows to user that handle stock track, manage basket (card) and payments. There are several api endpoint for each apps. These api endpoints are created by using Rest Framework.

<https://github.com/ahmetbahadircol/bootcamp>

01/09/2021 – 01/10/2021

Python Binance App

Simply calculate the Moving Avrage (7,25,99), Exponential Moving Avrage (7,25,99), Relative Strength Index (6,12,24), MACD(12,26) with signal and Fibonacci values of each coin that satisfy the MACD consratints on Binance. And decide which coins you should sell or buy.

This program allows to the user that can connect his/her Binance account with help of Binance API.

The libraries used:

- binance
- numpy
- pandas

https://github.com/ahmetbahadircol/python_binance.git