



# Ahmet Şirin

CV

📍 Kocaeli • 📞 05052505252 • @ [srnahmet98@gmail.com](mailto:srnahmet98@gmail.com) •  
🌐 [Portfolio WebSite](#)

## Skills

### Front-End Dev. (Min 3 Year)

Mid

ReactJS, TypeScript, AngularJS, JavaScript, Next.js, MUI, Bootstrap, Reactstrap

### GIS Dev. / Specialist (Min 4 Year)

Mid

Geoserver / ArcGIS Server, Openlayers / Leaflet, QGIS / ArcGIS Products / Global Mapper, PostGIS / Oracle Spatial / GeoPandas / GDAL / Rasterio / psycopg2, OGC Services (WMS / WFS / WMTS)

### Back-End Dev / DevOps

Mid / Beginner

Python (Flask, Django), .Net Core Web API, Linux, Docker, Apache / Nginx, Rest API, Soap API

### (Geo)Database Administrator (Min 4 Year)

Mid

PostgreSQL / Oracle SQL / MsSQL, PostGIS / Oracle Spatial / sqlalchemy, PL/pgSQL / SQL Func.

### Data Analyst (Min 4 year)

Mid

Pandas / Geopandas / SQL, ArcGIS Geostatistics - Interpolation Analyzes, Location Suitability Analysis, Remote Sensing Analyzes

### Software Testing

Mid

Selenium (python, js), Selenium.ide

### Video Editing / Photoshop

Mid

Adobe Photoshop CS6, Sony Vegas Pro

## Summary

Hello, I'm Ahmet Şirin. I am a **software developer** specializing in **Geographic Information Systems (GIS)**. Throughout my career, I have been directly and indirectly involved in various projects. I have supported many by managing their progress. Each project presented unique roles, allowing me to gain deep and diverse experiences. Throughout my career, I have not only focused on GIS but can also define myself as a **front-end, back-end, and database administrator**.

I have created a portfolio website to summarize my skills and projects better. You can explore it in more detail here: [🌐 My Portfolio Website](#)

In my work, I strive to create value by combining my theoretical knowledge in GIS with my programming skills to develop unique solutions to non-standard problems. I have advanced my skills, particularly in front-end development, along with back-end and database management. I am well-versed in object-oriented and clean programming principles, various relationships, data, and processes.

Due to the long-term nature of most of my projects, I ensure my programming developments align with future planning. I take a proactive approach to research specific topics when necessary to find the most suitable solutions. Additionally, I have developed myself extensively in GIS through both academic and industry-specific projects. I view GIS applications not just as tools to be learned but as instruments to be utilized when needed. This perspective has allowed me to become familiar with the intricacies of many GIS applications and understand how to solve various problems.

I have particularly honed my skills in web-based GIS applications. While I aim to present a comprehensive resume, I believe I have much more to convey in person. By doing so, I hope to demonstrate my multifaceted personality and continuous desire for self-improvement.

With great respect...

## Publications

### My All Publications (4+)

🌐 [4+ Publications](#)

My 4+ Publications can be accessed in more detail from my portfolio address. (Click Academic Tab)


## Projects

### My All Projects (20+)


More details about my 20+ projects can be found on my portfolio website.

🌐 <https://srnahmet.github.io/portfolio/#s4>

## Profiles

 [srnahmet1998](#)

 [srnahmet](#)

 [srnahmet](#) (Since I use my personal GitLab account for work, I am unable to share it.)

## Languages

### English

Intermediate

### Turkish

Native

## Volunteering

### Geomatic Engineering Community

Charmain of the Board

### MÜDEK

Student Evaluator

### 18. Türkiye Mapping Scientific and Technical Congress

Executive Board Student

Representative

### Engineer Minds Club

Membership

## Interests

### Professional (freelance for 5 years) and Hobby Photography

Photoshop - Video Edit

### Violin (4-Year District Municipal Conservatory Graduation)

Piano

Football - Tennis - Table Tennis - Swimming - Hiking

## Experience

### Piri1513 CBS

Front-End Dev. / GIS Specialist / DB Administrator

Dec 2020 - Present

Kocaeli

 [website](#)

I worked as a volunteer intern here during the last two semesters of my undergraduate education. During this period, I mostly focused on software testing, GIS analysis, and (Geo)Database management. After graduation, I primarily concentrated on front-end development, back-end service development, database architecture and management, and the development of geographic database functions.

Thanks to the small number of employees at the organization, I had the advantage of gaining deep experience in many different fields of the industry and various projects, taking on significant responsibilities.

### Kocaeli BB Smart Urbanism and Urban

### Information Systems Unit

Intern

 [website](#)

I generally worked on ArcGIS applications. During this time, I additionally developed myself in software development.

## Education



### Kocaeli University

Geodesy and Geoinformation Engineering

Master Degree

Jul 2021 - Jan 2024

3.81

- Article : Python-based evaluation of road network constraints for electric scooters and bicycles: Izmit Example ( [Article](#))
- Thesis : Road Network Restrictions on Electric Scooter Use Python Based Evaluation and Web Based Presentation: Izmit Example ( [web site](#)) (Ref No : [892853](#))

### Kocaeli University

Geomatics Engineering

Licence Degree

Jul 2017 - June 2021

3.09

- Student Representative - Honor Student - Thesis : The Most Suitable Wind Power Plant With Geographic Information Systems of Places Determination: Kocaeli Province Example

### Anatolian University

Geographic Information Systems

Associate Degree

Oct 2020 - Jan 2023

2.46

## Awards

### My Awards (4+)

 [4+ Awards](#)

My 4+ awards can be accessed in more detail from my portfolio address. (Click Skill Section)