MAHDI KIANIRAD (Full-Stack Software Developer)

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https://mahdikianirad.github.io/portfolio/

Profile: A highly motivated individual, able to work in different work environments and experienced in different advanced applications of Geoinformatics. Able to develop new and innovative approaches.

Education:

M.Sc in Applied Geoinformatics 2014 – 2016: Salzburg University; Austria
Thesis Topic: Infrastructure-less indoor positioning; developing an indoor positioning solution using computer vision algorithms. (Android application)
B.Sc in Surveying Engineering 2003 - 2008: Faculty of Surveying and Mapping (National Geographic Organization - Iran)

Significant Skills:

Computational skills:

- **Java:** Professionally experienced writing Java applications in Spring Framework
- **Android:** Professionally experienced in Android application development
- **Spatial Database:** Professionally experienced in working with PostgreSQL (PostGIS)
- **Angular:** Professionally experienced for developing many PWA solutions for different applications
- **GIT:** Professionally experienced in the Git source code management system
- **Computer Vision (OpenCV):** Experienced in developing applications using Computer Vision
- **Python:** Skillful in python application development
- **ArcGIS:** Skillful in using ArcGIS Program modules and ArcPy

Language:

English: Full professional proficiency
German: Elementary (A2)
Persian: Mother tongue

Professional Experience

2016 – present: Full-Stack Software Developer ORCA Geo Services GmbH – Germany
2015 – 2016: GIScience Lab supervisor Salzburg University (Z_GIS) – Austria

Moderating and maintaining the GI-Lab (GIScience Lab)

2014: project "QualAiraty" (Prof. Dr. Thomas Blaschke) – Salzburg University (Z_GIS) – Austria. Collaborating in a team, measuring and mapping quality of air and sound pollution of Salzburg.

2011 – 2014: Pars Boom consulting company in urban design and development – Iran. Geo-data analysis, Geo-statistical analysis and Cartography

2009 – 2011: Naghsh-e-Piravash consulting company–Iran

Geo-data analysis, Geo-statistical analysis and Geo-visualization

2008 – 2009: Bord-e-kootah consulting company – Iran

Preparing 3D Models from ancient monuments in Iran, using Close range photogrammetry

2006 – 2008: Gita Naghsh Pardaz – Iran; Land surveying, Mapping