Curriculum Vitae

Hamed Farzin

Personal Details

Name: Hamed Farzin

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Summary Profile

Hamed has 15 years post qualification experience as a Geospatial Engineer. He is currently employed as a Team Lead - Principal Consultant at SMEC. Before joining SMEC, Hamed had worked as a Senior Consultant at ESRI Australia and a Geo-solution Consultant at AAM (Geocortex distributor in Australia) designing and deploying GIS solutions for the government and non-government clients. Hamed worked for two of the biggest and largest utility companies in New Zealand (Powerco Ltd and Vector Ltd) and helped them utilise and adopt the ESRI Platform throughout the business. He had worked in Iran with Total Company as a land surveyor in oil and gas construction and specialised in GNSS, precise data collection, and construction surveying. These experiences provide Hamed with knowledge of managing complex cases, understanding all aspects of Geospatial architectural design, data mining, visualisation, and statistical solutions, effectively engaging with stakeholders, and achieving profitable outcomes for all parties.

Role-Specific Skills & Experience

- Over fifteen years of experience in Geospatial science

- Proficiency in ArcGIS ESRI solutions (ArcGIS Desktop and ArcGIS Enterprise Software, installation, and architecture design on-cloud Azure & AWS and on-premises)

- Sound experience with ELT and ETL software such as FME Desktop and Server as well as Geo-kettle

- Geocortex Essential, Geocortex analytics

- Microsoft Office, Microsoft Project, AutoCAD-Map Info, GRASS (Q-GIS), Geocortex Essential, Geo-server, ERDAS, ILWIS, and a few other open-source GIS software

- Over seven years experience in GIS data modeling, database design, and data management

- Sound analytical and statistical skills

- Technical and practical experience in using GNSS, surveying tools, remote sensing, and a few other handheld devices

- Clear and effective communication with clients and stakeholders

- Ability to manage projects efficiently and effectively

- Strong time-management and teamwork skills

- Strong management and people skills

Transferable Skills

- Excellent written and oral communication

- Effective leadership skills

- Management and people skills

- Team Management

- Strong analytical and critical thinking skills

- Strong organisational skills

- Able to perform well under pressure and time constraints

- Supportive team player

- Project management

- Professional work ethic

Experience

Team Lead – Principal Consultant
SMEC (ArcGIS Products**)**

From Apr 2022 – Current

Responsibilities:

- Managing team of consultant
- Client engagement and consultation (Projects)
- Solution architecture design (on-promise and on-cloud)
- Deploy ArcGIS Enterprise on Azure and AWS
- ArcGIS Enterprise Administrator
- Software deployment and configuration (ESRI's Geospatial Solutions and FME server Safe)

Senior Consultant
ESRI Australia (ArcGIS Products**)**

From Oct 2019 - Apr 2022

Responsibilities:

- Client engagement and consultation (Projects)
- Solution architecture design (on-promise and on-cloud)
- Software deployment and configuration (ESRI's Geospatial Solutions)

Geo-solution Consultant
AAM (VertiGIS exclusive partner for Geocortex Australia**)**

From Jan 2019 - Oct 2019

Responsibilities:

- Client engagement and consultation
- Solution Architecture design
- Software deployment and configuration (Geocortex Products, Essential, Analytics & 5)

Senior Geospatial Analyst
Vector Ltd (Gas, Electricity, and Fiber line Supplier)

From Jan 2015 - Dec 2018

Responsibilities:

- Data extraction and automation from Small World GIS (NRM PNI Models)
- Develop a data model for gas, electricity, and national census data
- Business information analysis and processing
- Training and consulting GIS users and identifying the best solution for end-users
- Spatial SQL server administration (cloud and on-premise)
- ArcGIS Enterprise (ArcGIS server and portal) administrator and publisher
- Providing data extraction for Digsafe, Customers, and internal stakeholders
- Geospatial analysis for vector and raster data and LIDAR data processing and visualisation
- Solution analysis modeling and automation with ArcGIS model builder, python, and FME (desktop and server)
- Installation and upgrading ArcGIS enterprise and desktop

GIS analyst (Geographical Information System)
Powerco Ltd (GAS& Electricity Supplier)

From July 2011 - Dec 2014

Responsibilities:

- Developing GIS models and automation
- Business information analysis and processing
- GIS maintenance management modeling design
- GIS data design and modeling

Duties:

Working with planners, engineers, senior managers, and research analysts, providing Geospatial mapping and analysis capabilities and solutions. Using tools to combine GIS datasets and create new information or investigate patterns. Utilising standard GIS software, particularly ArcGIS, MapInfo and a few others. Meeting clients face to face. Providing face-to-face demonstrations, training, and prototypes. Demonstrating to clients how GIS will fit within the company to deliver business benefits. Working within a team and with the customer as required. Developing and

maintaining the structures necessary for GIS data storage. Interpreting and communicating technical data to non-technical colleagues and clients. Creating and supporting the structures needed for GIS data storage. Delivery of GIS databases and applications.

Engineering Technician (land surveyor)
Sondazh Mehr Construction & Installation Co. Iran

From Apr 2003 to Nov 2005

Responsibilities:

- Developing surveying Bench Mark in Industrial site
- Prepare and establish topographic Maps
- Cooperation with the planning team
- Reading Industrial building map to identify-
- Location of builds and coordinate the foundation in an industrial place
- Software application
- Get a permit from QC to start the next step inside. ☐ Designed two kilometres of the cycling road

Education History

University Technology Mara
UiTM 2009 October

Master of Science in Geographical Information Science
Main Content:

- Contemporary issues in GIS
- GIS application
- Data collection
- Photogrammetry
- GNSS System and GPS application
- GIS Information Security
- Research methods
- Remote Sensing
- GIS Management
- Research Project in the area of Remote sensing

Islamic Azad University
IAU 2003

Graduate Diploma in Civil Engineering (Geodesy)
Main Content:

- Engineering basics & issues.

- Topographic Surveying.
- Hydrography Surveying.
- Photogrammetry & basic Remote Sensing ⬚
  Underground Surveying.
- Geodesy.
- Road structure and design.
- Building & Industrial surveying.
- Cadastral Surveying & land ownership.
- Programming C++ and Related Software
  (Micro-station)
- Fix and repair Surveying apparatus.

Professional Development

- An introductory course in Python scripting ESRI Company.
- ArcGIS Online (Eagle company-ESRI NZ)
- Editing in Arc GIS (Eagle company-ESRI NZ) ⬚ Project Management course IPENZ

Professional Membership & Licenses

- Associate member of NZIS (New Zealand Institute of Surveying)
- Member of NZIGE (New Zealand Institute of Gas Engineering)
- Member of PMI (Project Management Institute)
- Enterprise Administration Professional ESRI 19-001

Projects

List of projects available on request.

Specialist Areas

- Remote Sensing
- GIS analysis and application solution
- Land surveying (construction and cadastral)
- Project Management
- Could and on Promise deployment
- ArcGIS Enterprise Solution architectural design

Referees

Referees are available on request.