

# MOHAMMAD AFZAL KHAN

## GIS Analyst

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Melbourne

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## EXPERIENCE

### Data Entry and Customer Service

#### Arisit

05/2024 Melbourne, Australia

- Performed accurate and efficient data entry using Microsoft Excel, ensuring all data was validated and maintained with high accuracy.
- Utilized Excel functions like VLOOKUP and sorting to verify and cross-reference data, resolving inconsistencies and improving data quality.
- Maintained detailed and organized records, streamlining processes for easy retrieval and reporting.
- Collaborated with internal teams to process data requests and ensure timely and precise updates to systems and databases.
- Supported operational tasks by entering, validating, and maintaining large datasets while upholding strict data integrity standards.

### Convenor

#### Monash Future Thikers

11/2023 Melbourne, Australia

- Increased project timeliness by 15% by leading coordination and optimizing resource management
- Organize and facilitate meetings, driving collaboration and strategic discussions
- Provide leadership in planning and implementing future-focused initiatives

### Associate Software Engineer

#### Precisely

02/2022 - 07/2023 Noida, India

- Played a pivotal role as both a developer and QA engineer, contributing to all stages of the software development life cycle with a strong emphasis on quality and precision
- Demonstrated expertise in advanced Excel techniques, including PivotTables, VLOOKUP, data validation, and conditional formatting, to perform data quality assurance and ensure the accuracy and integrity of large datasets
- Collaborated cross-functionally with diverse teams to optimize product features and functionalities, aligning them with business goals and user requirements
- Developed and implemented new features tailored to specific business needs, showcasing adaptability and a strong understanding of data-driven decision-making
- Utilized Tableau to analyze and visualize large datasets, delivering actionable insights that enhanced strategic planning and operational efficiency
- Leveraged a wide range of tools and technologies, including AWS services, GIS, ArcGIS, Python automation, and advanced Excel, to innovate and streamline product development and analysis processes

### GIS Intern

#### Indian School of Business GIS Intern

07/2021 - 11/2021 Remote

- Managed GIS research projects at the Indian School of Business, utilizing advanced Excel tools like PivotTables and VLOOKUP to analyze large datasets and improve data insights by 30%
- Conducted detailed spatial data analysis and collaborated with research teams to uncover actionable trends and anomalies, enhancing decision-making processes
- Leveraged GIS and remote sensing tools alongside Excel to clean, validate, and organize datasets, ensuring accuracy and integrity in all research outputs
- Generated comprehensive reports and visual dashboards to communicate key findings and support business and research objectives
- Demonstrated a strong analytical mindset and attention to detail by providing critical spatial and data-driven insights that improved project outcomes

## EDUCATION

### Masters of Data Science

#### Monash University

01/2023 - 01/2025 Melbourne, Australia

- (Research Stream) - 3.5 GPA/80 WAM

### Masters of Science Geoinformatic

#### TERI School of Advance Studies

01/2020 - 01/2022 Delhi, India

# EDUCATION

## Bachelors of Arts

Delhi University

01/2015 - 01/2018 Delhi, India

- (Honours) Geography - 8.1 CGPA

# SUMMARY

A results-oriented Junior Data Analyst with a solid foundation in Geoinformatics and Data Science, complemented by practical experience in data analysis, software development, and quality assurance. Proficient in advanced Excel functions such as VLOOKUP, PivotTables, and data validation for analyzing and organizing large datasets. Skilled in leveraging tools like MapInfo Professional, ArcGIS, and remote sensing technologies to extract actionable insights. Experienced in utilizing AWS services, Python automation, and PySpark to streamline data processing and support data-driven decision-making. Passionate about ensuring data accuracy, generating insightful reports, and collaborating with cross-functional teams to deliver impactful business solutions. Committed to continuous learning and thriving in dynamic, results-driven environments.

# SKILLS

Arcgis	AWS	AWS Services	CI/CD	Data Engineering	Data Science	GIS	GIT			
Data Visualisation		Database Management		Esri	ETL	Exploratory Data Analysis		Java	Jenkins	
Jira	Machine Learning		Mongo DB	Power BI	Pyspark	Python	R Programming		SQL	Tableau
Data Integrity		Data Validation	Excel	Macros	Power Query		Statistics	VLookup	Mathematics	

# LANGUAGES

English Proficient	<div><div></div><div></div><div></div><div></div><div></div></div>	Hindi Native	<div><div></div><div></div><div></div><div></div><div></div></div>	French Beginner	<div><div></div><div></div><div></div><div></div><div></div></div>
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# AWARDS

 Sir John Monash Scholarship for Excellence	 Gold Medal for Academic Distinction, TERI SAS	 Lifeforce Round of Applause Award
 Stellar Performer Award	 Secured 3rd position in Geography	