








Contact

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Skills

- Data Analysis | Data Visualisation
- Data Mining | Data Scraping
- Data Modelling | Machine Learning
- Statistics | Time-series | Classification
- Audio, Video and Image Analysis
- Natural Language Processing (NLP)
- NLTK | Spacy | Textacy
- Python | R | Mathematica | Java | SQL
- Pandas | Numpy | Scikit-learn
- Networkx | Matplotlib | Plotly
- WordCloud | Pyvis | Streamlit | Seaborn
- DevOps | Microsoft Azure | AWS
- CI/CD | Puppet | Terraform | Bamboo
- GitHub | GIT | Bitbucket | Artifactory
- JIRA | Splunk | Confluence
- Agile Methodology
- Jupyter Notebook | Excel | PowerPoint

Certifications

Certified Scrum Master

Puppet Fundamentals trained

ISTQB Certified Tester

Oracle Certified Java Professional

Akshata Ahire

Data Scientist | DevOps Engineer

- Data Scientist and DevOps Engineer with a Master of Science degree in Data Science with Commendation (GPA 19.18) from the University of Aberdeen, UK and a Bachelor of Science degree in Computer Science with experience in analysing, visualising data using Python and Data Visualisation tools along with experience working on Cloud Platform, Software Development Life Cycle and Object-Oriented Programming fundamentals.
- Certified Scrum Master (CSM), Puppet Fundamentals trained, International Software Testing Qualification Board (ISTQB) Certified Tester, Oracle Certified Java 7 Professional.
- Coded my own website, <http://akshataahire.com>, deployed the app directly from Streamlit, all in pure Python, and made changes to the live application through my GitHub <https://github.com/AkshataAhire> account.
- 6+ years of experience as a Consultant including working as a Data Scientist for the University of Aberdeen, DevOps Engineer for an Insurance Company Hiscox and Senior Consultant for Marsh and McLennan companies.
- Excellent communication and interpersonal skills with good analytical and problem-solving skills. When guided for the job at hand, my willpower, dedication and loyalty are powerful tools to utilise.

Experience

April 2022 - May 2022

University of Aberdeen | Aberdeen, UK

Data Scientist

- After presenting the Master's final research project and results, I was hired to provide insight into an internal project at the University of Aberdeen.
- Performed sentimental analysis on qualitative data of the graduate attributes survey results conducted by the University to analyse the usefulness and further improve the Graduate Attributes.
- Implemented statistical analysis using Natural Language Processing (NLP) with Spacy and Textacy to extract the keywords from the survey comments by measuring TF-IDF score and representing them in the Word Cloud.
- Skills: Data Analysis, Data Visualisation, Word Cloud, Machine Learning, Python, SQL, Natural Language Processing (NLP), NLTK, Spacy, Textacy.

Jan 2022 - April 2022

United Nations & University of Aberdeen | Aberdeen, UK (Project)

Data Scientist

- Selected to work as a Data Scientist in an exclusive team on a funded research project 'The Complex Interactions of the United Nations Sustainable Development Goals (SDGs)' to find the intra and inter-relations between the indicators of the 17 SDGs for the country India.
- Achieved significant results for India by investigating and contributing to the ongoing research activity of the TOSSIB project, funded by the Royal Society.
- Performed quantitative data analysis on the indicators of the United Nations SDGs using Python, Pandas and NumPy and graphically represented the data using python libraries like Matplotlib, NetworkX, Seaborn, Pyvis and Streamlit.
- Skills: Data Analysis, Data Visualisation, Heat Map, Python, Statistics, Centrality, Hypothesis testing, Casuality test.

Scan my website



 <http://akshataahire.com>

July 2017 - April 2019

Expleo Technology UK Ltd | London, UK

Technical - DevOps Engineer

- Solely responsible for a significant number of critical and complex deployments that involved a high degree of synchronisation across multiple platforms and applications as part of the Agile project at Hiscox as a Consultant.
- Built and maintained the CI/CD pipeline in PaaS architecture and ensured stability and security of 10+ environments including Staging and Production.
- Trained and mentored two juniors on DevOps tools and technologies.
- Performed troubleshooting by identifying the root cause of system-related issues and enhancing the system's performance by three times.
- Used Terraform and Puppet to script and automate system tasks, reducing manual efforts by 90%.
- Facilitated continuous workflow by creating and maintaining technical documentation, including system diagrams and operational procedures.
- Expertise working with cloud platform Microsoft Azure and various DevOps tools and technologies like Puppet, Terraform, Bamboo, Bitbucket, Git, GitHub, Artifactory, JIRA, SQL, Confluence, Splunk and a few more.

Jan 2012 - Jan 2016

Marsh and McLennan Companies | Mumbai, India & London, UK

Senior Consultant

- Successfully migrated the UK payroll system BenPal from the UK to India and worked for clients Royal London, Commerce Bank, Hitachi, The Perfume Shop, Vision Express and many more.
- Troubleshooting complex operational issues by diagnosing root causes and devising effective solutions.
- Provided ongoing support to the team in order to meet SLAs on accuracy and productivity standards with internal/external stakeholders to ensure smooth and efficient deliveries.
- Mentored new hires and supported the team with regular training in cross-skilling and upskilling initiatives.
- Encouraged the development of clear objectives and action plans and created, maintained and regularly updated process manuals.
- Rewarded STAR of the month and EB Archer Award for excellent work performance.
- Skills: Excel, Macros, Powerpoint, Employee Benefits, BenPal application.

Education

Jan 2021 - July 2022

Master of Science

M.Sc. in Data Science with Commendation (GPA 19.18)

University of Aberdeen, UK

Aug 2008 - July 2011

Bachelor of Science

B.Sc. in Computer Science

University of Mumbai, India