

# Akhilesh Keerthi

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A highly motivated student in Data Analytics Engineering with a solid background in Computer Science, seeking opportunities to contribute to data-driven decision-making, deliver efficient technological solutions and automate the process. Proven experience in Software Automation using Python, coupled with a strong foundation in Java development.

## HIGHLIGHTS OF QUALIFICATIONS

- Well experienced with tools like Azure Databricks, REST APIs, Tableau, Power BI, Rdbms, PyCharm, GitHub, Jira and strong experience in the AWS cloud environment.
- Skilled software engineer in Python-Automation with 2.6+ years of industrial experience, expert coding in Python, Java, R, SQL.
- Well versed with Database design and normalization, Indexing and performance tuning, Extract, Transform, Load (ETL) processes, Data migration and integration, Experience with platforms like MySQL, Microsoft SQL Server, or Oracle, Normalization techniques.
- Performs Requirements Analysis, Test Script Planning, Develop Automation scripts & test, Test Matrices Creation, Effort Estimation, ALM Structuring, Task Allocation, identifies risks, and closes knowledge gaps quickly to offer value to the employer and the team.
- Strong passion for AI and new tech.

## EDUCATION

George Mason University, Fairfax, VA

**Graduating in Masters, Data Analytics Engineering**, 3.25, December 2023

Vidya Jyothi Institute of Technology, Hyderabad, Telangana

**Bachelor's Degree, Computer Science Engineering**

## RELEVANT COURSES

- Data Mining and Machine Learning
- Big Data Analytics
- Data Visualizations
- Statistical Methods for Data Science

## SKILLS

- Programming Languages: Python, Java, R-Studio
- Software Engineering: Python Automation, Java Scripting & R-Scripting
- Data Analytics: Pandas, NumPy, Scikit-Learn
- Database Management: SQL
- Tools: Jupiter Notebooks, Git, Jira
- Big Data Technologies: Spark
- Data Visualization: Matplotlib, Seaborn; Tableau, Power-BI
- Frameworks: Django, Robot Framework, Jenkins

## EXPERIENCE

### SOFTWARE ENGINEER

- Performed valuable Quality Analysis by scripting in Python with Robot-Framework /Jenkins for Integration, and Regression Analysis.
- Had extensive experience working with the team & clients overseas, utilizing agile methodologies to drive successful project outcomes.
- Automating scripts on Server Management Applications by Data Gathering, Data Pre-processing and Data Cleaning in csv and scripting.
- Ensured that the scripts worked as per functionality and fixing the code bugs frequently.
- Developed multiple Automated tools which includes REST APIs, JIRA Automation, Web-Scrapping and Regression Analysis scripts to leverage the product functionality and predict outcomes.

## WORK HISTORY

Mphasis Ltd., Bangalore, India

- **Software Engineer**, Jan 2019 – July 2021

Barnes & Noble's Company, Arlington, VA

- **Retail Sales Operation, Campus Store**, Aug 2022 – Dec 2022

## Honors & Awards

Team-Apex Award at Mphasis, Jun 2021

Summit Award at Mphasis, Aug 2019

National Level Badminton Winner, 2017, 2018