

## Sateesh Kumar

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**Actively Seeking Full-time Opportunities**

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### Education

**Oklahoma Christian University, Oklahoma, USA**

**Nov – 2023**

Master Computer Science in Software Engineer

**JNTU, Anantapur, India**

**May -2019**

Bachelors in Electronics and Communications Engineering

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### Experience

**Sr Data Engineer | TEKhops**

**Dec 2023 – Till Date**

- Led and participated in full-cycle Adobe Experience Platform (AEP) implementations using version 6.4 AEM or superior, ensuring successful client onboarding and certification for AEP.
- Leveraged Python for various data engineering tasks, including data manipulation, scripting, and automation, enhancing workflow efficiency and productivity.
- Utilized robust understanding of SQL and Database concepts to design and optimize data schemas and queries, ensuring high performance and reliability of data operations.
- Applied strong AWS skills, including IAM, S3, EC2, EMR, Lambda, and CloudWatch, for AEP deployment and management, ensuring scalability, security, and cost-effectiveness.
- Implemented multiple end-to-end data warehouse projects, including data ingestion, transformation, and loading processes.
- Leveraged new technologies and approaches to innovate with increasingly large data sets, optimizing performance and resource utilization for enhanced productivity and efficiency.
- Collaborated with API developers to integrate data sources and endpoints, enabling seamless data exchange and integration with external systems and applications.
- Demonstrated technical proficiency in Adobe Experience Manager (AEM) components such as Apache Sling, Adobe Launchpad, AEM Sites, AEM Assets, and AEM Forms, ensuring smooth implementation and optimization of AEP solutions.
- Implemented and optimized CSS styling, leveraging knowledge of CSS frameworks (e.g., Bootstrap) and preprocessors (e.g., SASS, LESS), to enhance user interface and experience for AEP applications
- Configured and managed CI/CD pipelines, streamlining the testing and deployment processes for AEP solutions.
- Developed RESTful APIs for efficient system integration, enabling seamless data

exchange and enhancing platform interoperability.

- Embraced Agile development methodologies to ensure timely delivery of AEP solutions, actively participating in sprint planning, daily stand-ups, and retrospectives.
- Spearheaded digital transformation initiatives, utilizing AEM to revolutionize customer experiences and drive business innovation.

**Environment:** Python, Numpy, Pandas, AEP, SQL, AWS, IAM, S3, EC2, EMR, Lambda, CloudWatch, CSS3, AEM6.4, CI/CD, RESTful API, CSS, JavaScript, jQuery, React, Adobe ecosystem, UCD Principles, Oracle 11g, SQL, PL/SQL, Java/J2EE, GitHub, PyUnit, SoupUI, MongoDB.

#### **Data Engineer | NTT Data**

**Jun 2019 – Jul 2022**

- Designed, developed, and maintained scalable and efficient data pipelines using **Spark, Java/Scala, and Hadoop**, facilitating seamless data processing and analysis for various business use cases.
- Leveraged **Python** for various data engineering tasks, including data manipulation, scripting, and automation, enhancing workflow efficiency and productivity.
- Operated in a **Unix environment**, managing and troubleshooting data engineering tasks and processes, ensuring smooth operations and timely resolution of issues.
- Contributed to continuous improvement initiatives, actively identifying opportunities to enhance standards, processes, and technologies to optimize data engineering workflows and deliverables.
- Implemented multiple end-to-end **data warehouse projects**, including data ingestion, transformation, and loading processes.
- Leveraged new technologies and approaches to innovate with increasingly **large data sets**, optimizing performance and resource utilization for enhanced productivity and efficiency.
- Collaborated with **API developers** to integrate data sources and endpoints, enabling seamless data exchange and integration with external systems and applications.
- Utilized SQL extensively to query and manipulate data in databases like **Oracle** and **Netezza**, ensuring data integrity and reliability.
- Implemented data pipeline orchestration and automation using **Apache Nifi**, streamlining data workflows and enhancing operational efficiency.
- Led the implementation of data engineering solutions, including data ingestion, transformation, and loading processes, adhering to best practices and standards to meet business requirements and objectives.
- Addressed and resolved compatibility issues to guarantee consistent performance of **web applications** across different browsers.
- Enhanced AEM Sites with dynamic content and interactive features using **JavaScript, jQuery, and React**.
- Communicated strategically with stakeholders to align project objectives with business goals, ensuring project success and stakeholder satisfaction.
- Spearheaded digital transformation initiatives, utilizing AEM to revolutionize customer experiences and drive business innovation.
- Configured and managed **CI/CD pipelines**, streamlining the testing and deployment processes for AEP solutions.
- Developed **RESTful APIs** for efficient system integration, enabling seamless data exchange and enhancing platform interoperability.

- Implemented Agile practices using **Scrum and Kanban**, improving team productivity and ensuring the timely delivery of projects.
- Utilized **Git** for effective source code management, facilitating team collaboration and maintaining code integrity.
- Ensured optimal accessibility of **AEM Sites** across all devices through responsive web design techniques.
- Optimized data pipelines to handle increasingly **large data sets** efficiently, improving performance and scalability.

**Environment:** Python, Numpy, Pandas, Webpy AWS, IAM, S3, EC2, EMR, Lambda, CloudWatch, CSS3, AEM, CI/CD, RESTful API, JavaScript, jQuery, React, Adobe ecosystem, UCD Principles, Oracle 11g, SQL, PL/SQL, Java/J2EE, GitHub, PyUnit, SoupUI, MongoDB.

#### Data Engineer Intern | Wipro

April 2018 – May 2019

- **Python-Powered Data Strategy:** Collaborate with the data team to devise and implement data-driven strategies using Python, enhancing data analysis and process optimization.
- **Insight Discovery:** Extract meaningful insights from complex datasets, utilizing analytical techniques to support expansion and inform stakeholders.
- **Data Pipeline Management:** Develop and maintain robust data pipelines, ensuring data accuracy and facilitating efficient analytical processes.
- **Quality Control and Validation:** Implement strict data validation and quality control measures to guarantee the reliability of data sources and management practices.
- **Advanced Excel Reporting:** Utilize MS Excel's advanced features to produce impactful reports and visualizations, aiding organizational decision-making.
- **End-to-End Data Warehouse Implementation:** Led the development and implementation of a data warehouse solution from data ingestion to reporting, using Spark, Java, and SQL.
- **API Integration Project:** Integrated with external APIs to retrieve and process data for analytical purposes, improving data accuracy and timeliness.

**Environment:** Python, MS Office, Data Management, Data Validation, Analytical Process, Soup UI, GitHub, SciPy, Numpy, Pandas.

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#### Technical Skills:

<b>Languages/API</b>	Python, Design Patterns, Angular 6, CI/CD
<b>Frameworks</b>	Numpy, Pandas, MySql, Spark/PySpark, Web2py, Agile Frameworks, Methodologies, Seaborn, Plotly, TensorFlow
<b>IDEs</b>	Anaconda, Visual Studio Code, Pycharm, IDLE, Web Storm, Jupyter.

<b>Web technologies</b>	HTML, CSS, Servlets, JSPs, XML, JQuery, Ajax, Node.js, ReactJS and Bootstrap.
<b>Tools</b>	SQL Developer, Log4J, MS Office.
<b>Web Application Servers</b>	AWS, Apache Tomcat 8.x, Web Logic 9.x/10. X, Web Sphere 7.0/8.0
<b>Web Services</b>	Restful services, WSDL, SOAP, JAX-WS, AXIS, JAX-RS.
<b>Testing technologies/tools</b>	PyUnit, Log4J, Jenkins, Soap UI, Behave
<b>Database Servers</b>	Oracle 10g/11g, SQL Server 2000/2005/2008, MySQL, MongoDB
<b>Version Control Systems</b>	SVN, GitHub, Bitbucket
<b>Platforms</b>	Windows 7/10/11, Linux, Unix, MacOS

### Professional Certificate

- Amazon Web Services(AWS) Certified Developer.
- Python For DevOps Certification By Udacity
- IBM Full Stack Software Developer Professional Certificate (IBM).
- Microsoft Certified Azure Developer Associate.
- Introduction of the Internet of Things(IoT).