# SANJAY H S

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## SUMMARY

Product Engineer Result oriented IT professional with overall experience of 4+ years and a passionate python developer with more than 2.5 years of experience in Development, Database management and Application support. Well- acquainted with data handling and processing. Knowledgeable in Python libraries related to data cleaning and data manipulation such as Pandas and PySpark. Having hands on experience in database operations using SQL. Enhancing the skill set with essential technologies for seamless data integration and access across diverse sources. Moreover have understanding and knowledge of infra and deployments of web apps with Azure DevOps. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

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## PROFESSIONAL EXPERIENCE

**Avo Automation**                                                                                      **Aug 2023 - Present**
**Product Engineer - Development**

- Actively involved in a 10-member team, closely engaging with CTO, architect, and product lead.
- Optimized test data provisioning workflows to enhance testing efficiency across the team by enabling seamless
- connections across SQL, NoSQL, and File Storage Systems.
  Collected application logs, traces and metrics from users, applied EDA methods to segregate data and store data in mongodb and mysql.
- Contributed to iTDM project's to have a significant gain in data management accuracy, accessibility and operational impact.
- Implemented Dynamic data masking providing on the fly data obfuscation and enhancing data security and data governance.
- Planned and implemented migration strategies to boost performance of time consuming migration tasks.
- Contributed to DevOps Initiatives by creating and maintaining CI/CD pipelines, improving automation, deployment efficiency and system reliability

**Manvantra Aqua Ecocarbon Pvt Ltd**                                                      **May 2021 - Jun 2023**
**Family Business**

- Family-owned business unit specializing in the manufacturing and sales of coconut shell-based activated carbon
- Analyzed data from various web sources to provide insights for product pricing and marketing decisions
- Collected global export data to obtain historical pricing information from companies in the same industry
- Supervised production tasks and processes, and actively involved in quality assurance for strict inspection before dispatch

**Mindtree Ltd**                                                                                           **Nov 2018 - May 2021**
**Systems Engineer**

- Performed typical database ops health checks, storage management, performance troubleshooting, creation/upgradation, patching, user access, backups, restores, data refreshes, log housekeeping, and client installations
- Monitored linux server health using MWatch, ensured SLAs were met, and created documentation for new issues
- Conducted quarterly patching for all customer servers, ensuring systems are up to date and secure
- Created security groups, added IPs, and configured inbound/outbound traffic instances, bolstering cloud security
- Administered and maintained websites using CMS tools like Sitecore, Drupal, and Contentful, supporting over 90+ websites for AkzoNobel and P&G

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## EDUCATION

**Bachelor of Engineering**

Majors: Computer Science & Engineering
M.S.Ramaiah Institute of Technology
Aug-2013 to Jul-2017 | CGPA: 7.73

**eMasters**

Majors: Data Science & Business Analytics
Indian Institute of Technolgy Kanpur
Jan-2024 to Present | CGPA: 8

## SKILLS

Core: Python, Flask, Pyspark, SQL, Pandas
HDFS: Hadoop, Hive, Sqoop
Databases: MySQL, PostgreSQL, MongoDB, Cassandra
DevOps: Azure DevOps, Azure VMs, Docker, Jenkins, Ansible
Version control: Git