

# PROFILE

Prasad Nagineni

*Software Engineer*

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I have 2 years of work experience in building orchestration runbook workflows to automate IT Operations. Data Science enthusiast with strong math background with hands on experience on machine learning and developing end to end data science projects to solve challenging business problems.

# SKILLS

**Python** | **PowerShell** | **Databases** (MongoDB | Mysql) | **Rest-API** (FastApi) | **Machine Learning** (Scikit-learn)

**Linux** (Ubuntu) | **Statistics** | **Deep Learning** (Pytorch) | **CI/CD** (Docker | Git | GitHub Actions / CircleCi)

**Cloud (**Azure, AWS**) | Service-Now | Web Development (**HTML, CSS, Java Script**) | Natural Language Processing**

# WORK EXPERIENCE

**Tata Consultancy Services,***Process Automation Engineer* 2020 Nov – Present | Hyderabad, India

Working in **agile methodology.**

Collaborate with stakeholders and resolver teams for requirement gathering.

Design, develop, evaluate, and implement end to end process automations.

Technical documentation of automation with requirements, technical information, and test cases.

Reporting monthly automation metrics (Automation vs Non automated) and present savings, benefits to management.

**Tech**: PowerShell, Python, SQL

**Tools Used**: System Center Orchestrator, Microsoft Excel, Power BI, Visual Studio Code

**Knowledge On**: REST API, Active Directory, Microsoft Azure, Office 365, ITSM, ServiceNow.

# PROJECTS

**Machine Learning Data Pipeline,** *Pipeline* 2022 Jun – 2022 Jul

**Tech**: Python, **Confluence Kafka**, GitHub Actions MongoDB, **Docker**

ML pipeline to retrieve streaming data from confluence Kafka and store in Mongo DB.

**Sensor Fault Detection,** *Machine Learning* 2022 Aug – 2022 Oct

**Tech:** Python, Mongo DB, Fast API, **Docker**, **AWS EC2, AWS ECR, AWS S3,** Git, GitHub Actions

Developed a solution to classify whether the data generated by the sensor is fault or not, to reduce unnecessary repairs in APS.

Used Fast API as an interface for the model.

Implemented CI/CD inusing GitHub actions and deployed the application on **AWS.**

# EDUCATION

## Jawaharlal Nehru Technological University, *Computer science and Engineering*

Cumulative Percentage: 7.75 CGPA

# AWARDS AND HONORS

2016Aug–2020Dec | Anantapur, India

## MFDM AI Practitioner Certification 2022 December

Certification for completion of 60 hours of learning along with assignments, hands on and business use cases.

## Contextual Masters 2022 August

Appreciation in Tata Consultancy Services with reward of three thousand gems.

## On the Stop Award 2021 August

Award for continuous improvements and deliveries in Tata Consultancy Services.

# CERTIFICATES

Python | Machine learning | SQL

# COMMUNITY INVOLVMENT

**National Cadet Corps** 2013 Jul – 2014 Nov | Nellore, India

**Blood Donor**

Donated blood 2 times to Red Cross Society