# MATHIS T
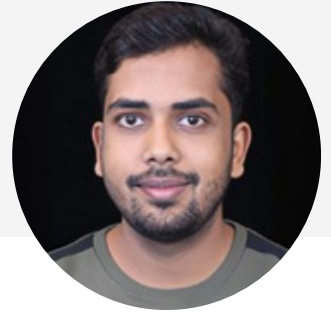
## PYTHON DEVELOPER

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# SKILLS

## Web development

### Front END

- HTML, CSS, JavaScript
- bootstrap
- React Js

### Backend

- Django (advanced)
- Django_rest framework

## Data science

- Python (advanced)
- PySpark (advanced)
- Pandas
- SQL
- Tableau
- Excel automation
- tensorflow

## Web scraping

- Selenium and Beautiful Soup

# PROFILE

I am a qualified and professional Python developer with three years of experience in Data science and web development. Strong creative and analytical skills. Team player with an eye for detail.

# EXPERIENCE

### DataTerrain India Private Ltd.

**PYTHON DEVELOPER**

Since March 17, 2023, still now.

- Use Apache Airflow to schedule and automate various tasks
- Implemented data ingestion and preprocessing pipelines using AWS EMR, handling large volumes of tax data
- Designed and trained NLP and LLm models for the chatbot
- created Lambda functions to maintain Glue tables and automate the provisioning and management of EMR clusters

### Zinnov Management Consulting Pvt Ltd

**PYTHON DEVELOPER**

17-Jan-2022 to 15-Mar-2023

- Creating dataframes in Pyspark for analyzing dataset which contains millions of rows
- Performing multiple joins of dataframes using Pyspark for delivering the required dataset to stakeholders
- Converting SQL queries to Pyspark queries for accessing the tables in Postgres SQL DB
- Developing Pyspark and Pandas codes using AWS EMR environment

## Deployment

- Amazon EC2
- Nginx,Gunicorn
- digital ocean
- paperspace

## AWS Skills

- AWS EC2
- Lambda
- Athena
- Amazon Redshift
- EMR
- AWS Glue
- Managed Apache Airflow
- SQS
- SNS
- CloudWatch
- Route 53

## Non Technical skills

- Confluence
- quip
- professional video editing

# EDUCATION

**BACHELOR OF ENGINEERING**

Velammal Institute Of Technology 2017 - 2021

**HIGHER SECONDARY SCHOOL CERTIFICATE**

Carmel Higher Secondary School

2015 - 2017

**SECONDARY SCHOOL LEAVING CERTIFICATE**

St. Joseph High school

2005 - 2015

- Collecting required data from several websites. Transforming the data into the as per the stakeholders required format using python packages such as selenium,beautifulsoup,pandas
- And automated a large number of manual processes with the help of selenium

**Clovion Tech Solutions Pvt. Ltd**

**PYTHON DEVELOPER**

13-July-2021 to 15-Jan-2022

hands-on experience in developing chat applications using python Django for the client

Functionality,
Public chats, Private chats, Paid class, Class test, Week test, Notifications Student report, Google authentication

developed applications for organizing paid classes, conducting and monitoring various examinations, and generating examination reports of the students for Edu-tech clients

# PERSONAL DETAILS

Date of birth - :11/03/2000
Github.    -:https://github.com/mathismathis
marital status - unmarried

# DECLARATION

I hereby declare that the particulars of information and facts stated above are true and complete to the best of my knowledge
Yours truly
T Mathis