AKHIL P L

Python Developer/ Data Scientist

PROFILE

A versatile professional with 9+ years of experience, successfully transitioned his career into the field of Programming and Data Science, after being a Civil Engineer for eight years. Currently doing internship as Python Developer, concurrently pursuing BS degree in Data Science & Application from IIT Madras.

Possessing a disciplined and analytical approach, I am eager to apply my diverse skill set in a Data driven Developer role. I bring a unique blend of engineering expertise and programming proficiency to a dynamic and collaborative work environment, fuelled by a continuous commitment to learning & growth.

PROFESSIONAL PROFILES

- github.com/akhil-pl
- linkedin.com/in/akhilplx
- codechef.com/users/akhilplx

CONTACTS

- +91 9995 743 556
- akhilplx@gmail.com
- www.akhil.pl
- TRIVANDRUM, INDIA

LANGUAGE PROFICIENCY

Language	Proficiency
English	90%
Malayalam	100%
Hindi	80%
Tamil	50%

WORK EXPERIENCE

DataPMI Inc – Python developer (Intern)
- August 2023 – till date
- Developing a Data ETL tool using FastAPI and dbt
- Deployed alpha cut in nginx server for testing and frontend

Crescent Construction Company – Billing / Site Engineer
- July 2015–December 2022
- Estimation and billing of projects at IISER TVM and VSSC.
- Managed 60 men in Matsyafed Factory project, Trivandrum.

Turret Builders – Site Supervisor
- June 2014–May 2015
- Ensure cost effective and timely completion of projects.

EDUCATION

IIT Madras, BS Degree in Data Science and Application
- 2021 – 2025 (4-year Degree currently pursuing)

IIT Madras, Diploma in Data Science
- 2022 – 2023
- CGPA: 7.72

IIT Madras, Diploma in Programming
- 2021 – 2022
- CGPA: 6.24

Kerala University, BTech in Civil Engineering
- 2010 – 2014

TECHNICAL SKILLS

CATEGORY	CONFIDENT	INTERMEDIATE	BEGINNER
Language	Python, JavaScript	HTML, CSS, SQL	Java, YAML
Database	SQLite, MySQL	Redis, PostgreSQL	PostgreSQL
Framework	Flask, FastAPI	ReactJS, VueJS	Django
Python ML library	NumPy, Pandas	Matplotlib, Scikit-Learn	PyTorch, Seaborn, SciPy
API	RESTful APIs	Open API	
IDE / CI-CD	VS Code	Git, GitHub	Google colab
OS / cloud	Windows	Linux(ubuntu)	Azure
MS Office	Excel, Word	PowerPoint	
Others	Jinja, SQLAlchemy	Celery, JSON	
Civil Eng.	AutoCAD, Billing	Revit, Estimation	

CERTIFICATIONS

- (1) **Data Visualisation,** (2) **Deep Learning,** (3) **Web App using Django:** IIT Madras, on May 2023
- (4) **Azure Fundamentals,** (5) **Azure AI Fundamentals:** Microsoft Certified, on June 2023
- (6) **MS Power BI Data Analyst:** Microsoft Certified (in progress)

ACADEMIC PROJECTS

Web Application Project: - Kanban Board App
- Web-app to track user tasks
- Build using: Flask, VueJS, SQLite, Redis, Celery
- https://github.com/akhil-pl/kanban_app

Machine Learning Project: - Taxi Fair Prediction
- ML model with 0.93 R2 score to predict taxi price
- Trained using: KNN, PCA and Bagging Regressor
- https://www.kaggle.com/code/akhilpl/21f1006584-notebook-t32023