



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

| | |
|-----------|------|
| 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
- Created RESTful APIs for CRUD operations
- Creates APIs for tracking status of various Jobs
- 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

BS Degree in Data Science and Application, IIT Madras

- 2021 – 2025 (4-year Degree currently pursuing)

Diploma in Data Science, IIT Madras

- 2022 – 2023

Diploma in Programming, IIT Madras

- 2021 – 2022

BTech in Civil Engineering, Kerala University

- 2010 – 2014

TECHNICAL SKILLS

| CATEGORY | CONFIDENT | INTERMEDIATE | BEGINNER |
|-------------------|--------------------|--------------------------|-------------------------|
| Language | Python, JavaScript | HTML, CSS, SQL | Java, YAML |
| Database | SQLite, MySQL | Redis, 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>