

# MOHAMED ASMATHULLA G

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## PROFESSIONAL SUMMARY

Innovative and results-driven Python AI developer and Data Analyst with experience in AI automation, web development, and Flutter applications. Passionate about leveraging data to generate insights, build predictive models, and design intelligent solutions for impactful projects. Skilled in machine learning, deep learning, data analysis, statistical modeling, and full-stack development, with strong expertise in Python, SQL, R, and data visualization tools.

## PROFESSIONAL SKILLS

### Core Skills:

- Python AI Development
- Web Application Development
- Flutter Application Development
- Data Analysis & Visualization
- Statistical Modeling & Predictive Analytics

### Programming Language & Tool:

- Python, R, SQL, MongoDB, Java, JavaScript, HTML, CSS
- Excel, Pandas, NumPy, Matplotlib, Seaborn, Plotly
- Jupyter Notebook, Google Colab, Power BI

### Basic Skills:

- C, C++, Kotlin, PHP, Java
- Git, Linux Commands, Bash Scripting

### Computer & Analytical:

- Data Analysis, Data Cleaning, Excel Handling
- Data Structures & Algorithms
- Machine Learning, Deep Learning, Artificial Intelligence
- AI Automation, IoT, Statistical Modeling

## WORK EXPERIENCE

### 1) Python AI & Automation Developer (Trainee) – Ingen Dynamics

Duration: 8 months

- Developed AI-based automation solutions and Python applications.
- Implemented machine learning and deep learning models for real-time tasks.
- Assisted in deploying AI-driven projects to enhance operational efficiency.

### 2) Intern – Web Developer – Nan Logic Ltd

- Assisted in developing responsive web applications.
- Implemented front-end features using HTML, CSS, JavaScript, and Node.js.

## EDUCATION

### 1) Bachelor of Technology in Computer Science and Engineering

Chettinad College of Engineering and Technology, Karur

- Currently in 4th semester, CGPA: 8.7 (2025)

### 2) Higher Secondary Certificate (HSC) – Sacred Heart Higher Secondary School, 2023

### 3) Secondary School Certificate (SSLC) – Sacred Heart Higher Secondary School, 2022

## PROJECTS & ACHIEVEMENTS

### 1) FPL (File Part List) Project – Automation and data management system.

### 2) CustomShop Bill Master – Awarded **Kalam Award 2024**; 3rd prize in **Techno Battle 2024**.

### 3) InGen Dynamics Projects:

- **FYM** – Fitness, Yoga, Meditation application
- **EduPulse** – AI-based school management system
- **MyLittleHeart** – AI heart care robot
- **PengoBot** – Speech AI robot
- **SmartTrack AI** – Person tracking AI system

### 4) Online Examination System – Assessment platform, hosted [here](#)

## PUBLICATION

**Deep Learning in Real-Time Application**, published in **IJASREM**

## LEADERSHIP

**Leo Club President** – Chettinad College of Engineering and Technology (2025 present).