

# MOHAMED ASEEL R

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[portfolio](#)

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## SUMMARY

Entry-level Python Developer with hands-on experience in Python, MySQL, and web development. Skilled in building and debugging applications, integrating databases, and working with frameworks like Flask. Eager to learn Odoo, Django, and FastAPI while contributing to real-time projects in a collaborative team environment.

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## PROJECTS

### SecurefileX: A Comprehensive file security application

3 months

Developed a secure file storage application using Python and Flask, implementing AES-256 encryption, database integration with MySQL, and user authentication. Involved in coding, debugging, and preparing technical documentation.

**Technologies Used:** Python, Flask, AES-256, HTML, CSS, JavaScript, Flask-Login, SQLAlchemy, Flask-Mail

### Brain Tumor Cancer prediction using Machine learning

3 months

Built a model to predict brain tumors from MRI images using machine learning for early diagnosis.

**Technologies Used:** Python, TensorFlow, Keras, Convolutional Neural Networks (CNN), Median Filter, NumPy, Matplotlib, ImageDataGenerator, Jupyter Notebook

### Remaining Useful Life (RUL) for batteries of Electric Vehicle Using Machine Learning

6 months

Conducted data collection, preprocessing, and statistical analysis to predict EV battery life.

Developed dashboards in Power BI for actionable insights to aid maintenance planning.

**Technologies Used:** MySQL, Python, Jupyter Notebook, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, XG Boost, Random Forest Regressor, LightGBM and LSTM, Power BI.

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## CERTIFICATIONS

- Completed **Python for Data Analytics** certification at Chek.InTek.
- Completed **Robotics and Artificial Intelligence** course at Crescent Innovation and Incubation Council (CIIC)
- Completed **Basics of Cyber Security** course on Skill Vertex

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## SKILLS

**Technical Skills:** Python, OOP Concepts, Flask, HTML, CSS, JavaScript (basic), MySQL, SQL Joins, Database Integration, Git, Debugging, PyCharm, VS Code, REST APIs (basic), Data Cleaning, ETL.

**Soft Skills:** Problem-solving, Critical thinking, Quick learning, Attention to detail, Time management, Adaptability, Team collaboration, Communication skills, Independent working ability

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## EDUCATION

### Master of Computer Applications - 7.12 CGPA

May 2025

B.S. Abdur Rahman Crescent Institute Of Science And Technology, Chennai Tamil Nadu

Specialization: Computer Application

### Bachelor of Science - 6.9 CGPA

May 2023

Scott Christian College, Nagercoil, Tamil Nadu

Specialization: Computer Science

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## LANGUAGES

**TAMIL** - Read, Write, Speak

**ENGLISH** - Read, Write, Speak

**MALAYALAM** - Speak

**ARABIC** - Read, Write