



UK Apartment Phase II,  
Block 14 Gulshan e Iqbal,  
Karachi, Pakistan



+92 3473752831



[Email](#)



[Portfolio Website](#)

## PYTHON DEVELOPER & FULL STACK ENGINEER

With 3 years of experience in hardware and software development, I have built Python automation tools, and taught programming and math to students. Skilled in soldering, debugging, Python development, API integration, and teaching. Spearheaded the creation of GUI and CLI apps, integrating Google Sheets API and SMS/WhatsApp notifications.

# ABDUL REHMAN MARFANI

## EXPERIENCE

**Jan 2023 - Present**

**Freelance Python Developer**

- Built Python automation tools using APIs like OpenWeather, Twilio, NewsAPI, and Nutritionix.
- Developed GUI and CLI apps like Pomodoro timer, workout logger, and flight deal notifier.
- Integrated Google Sheets API and SMS/WhatsApp notifications.

**Jan 2023 – Jan 2024**

**Private Tuition • Teaching Assistant**

- Taught programming and math to students with simplified plans

## EDUCATION

**Cedar College Karachi • Jun 2026 (Expected)**

**Cambridge A levels**

- Subjects: Mathematics, Physics, Computer Science
- Clubs: CREW, Cedar CODES
- Part of the organizing team for modules for Robotics & Physics at Scinnova VIII

**Private Studies Karachi • Mar 2024**

- Subjects: Computer Science, Mathematics, Physics, Chemistry, English, Additional Mathematics

**Happy Home O Level School Karachi • Aug 2023**

- Subjects: Pakistan Studies, Urdu, Islamiyat

## LEADERSHIP & VOLUNTEERING

**Cedar College**

- Shortlisted for CREW and CODES Leadership
- **Scinnova VII** • Co-managed Robotics, Physics & Math modules

## TECH STACK

- Alpha Vantage
- Bash
- BeautifulSoup
- Bootstrap (basic)
- CSS3
- Git
- Google Sheets API
- HTML5
- JavaScript (ES6+)
- NumPy
- Nutritionix
- Pandas
- Python
- Requests
- Tequila API
- Tkinter
- Twilio
- VS Code
- Web Development

## CERTIFICATIONS

### Google

- Crash Course on Python

### IBM

- Python for Data Science, AI & Development

### Cisco Networking Academy

- Python Essentials 1
- Python Essentials 2

### Data Flair

- Introduction to Python

### Kaggle

- Python

## PROJECTS

### Frontend Developer (Portfolio Project) • 2024 - Present

- Created responsive personal website with HTML, CSS, and JS.
- Implemented modal previews, scroll-responsive hamburger menu, and responsive design.
- Styled using custom fonts and dark-themed palette.
- Built responsive site with modal previews and custom styling

### Flight Deal Finder

- Scrapes and alerts for airfare deals using Google Sheets & Tequila API.

### Stock Alert + News

- Monitors price changes and sends news summaries via SMS

### Pomodoro Timer

- GUI-based productivity timer using Tkinter.

### Workout Logger

- Parses and logs workouts to Sheets using Nutritionix API.