

Ahammad Shawki

Python Developer

📍 Dhaka, Bangladesh



ABOUT ME

From the moment I printed the "Hello World" in the console of my first application, I knew I was hooked into the world of programming. But programming was never been "just a job" for me, it's offered me an engaging challenge to continually learn and improve my skills in creating high-quality applications. What started with a simple "Hello World" has become a full-fledged passion that only gets more exciting as the years go by.

SKILLS

[Algorithm Design & Analysis](#) [Data Structures](#) [Git & GitHub](#) [Django](#)
[Object Oriented Programming](#) [Data Analysis \(Pandas\)](#) [NumPy](#) [SciPy](#)
[Data Visualization \(Matplotlib\)](#) [Regular Expressions](#) [HTML5](#) [CSS3](#)
[Database Administration](#) [Psycopg2](#) [Game Development \(PyGame\)](#)
[Graphical User Interface \(Kivy\)](#) [Text-to-Speech \(Pyttsx3\)](#) [Vue](#)
[Graphics Design & Illustration](#) [Office-Tools](#) [Video Editing](#)

PROGRAMMING PROJECTS

[Hospital Management System](#)

📅 January 2021

- Built a hospital management application using the kivy, psycopg2 library of Python and PostgreSQL RDBMS.
- Implemented both the frontend and the backend part of the application created which can easily handle the daily workflow of a mid-range hospital by providing several functionalities.

[Head Tail Game](#)

📅 October 2020

- Designed and built a new version of the Cricket game using the PyGame framework of Python. This game is played using fingers
- Implemented multiple algorithms to ensure proper rules of the game.

[One Meeting Assistant](#)

📅 February 2021

- Built One Meeting Assistant which is a meeting management tool with Python3 and JSON for creating the backend and Kivy framework for creating the GUI frontend part.
- Implemented multiple algorithms to provide useful functionalities like Adding, deleting, searching, and joining meetings in seconds.

[Mail Book](#)

📅 May 2020

- Mail Book is a simple application built with Python which is used for adding, updating, organizing, managing and searching Email Addresses.

CONTACTS

📞 +(880) 1946821177

✉ ahammadshawki8@gmail.com

🌐 ahammadshawki8.github.io

🐙 @ahammadshawki8

🐦 @AhammadShawki8

🌐 @ahammadshawki8

PROGRAMMING EXPERIENCE

Python ██████████

PostgreSQL ██████████

JavaScript ██████████

PowerShell ██████████

C/C++ ██████████

STRENGTHS

💬 Oral and Written Communication

✓ Reliable and Consistent

💡 Problem Solving

📚 Committed To Lifetime Learning

👥 Team Building

CONTESTS

Bangladesh Math Olympiad

National Rounds

National Programming Contest

National Rounds

MLH Local Hack Day

Build Rounds

EXPERIENCE

Software Engineer

[The AS8 Organization](#)

📅 2019-Ongoing

The AS8 Organization has taken several initiatives and successfully completed all of them. It has taught and guided more than fifty students to start their coding careers, designed several logos and posters, and also created multiple websites for personal and commercial use.

- Designed and created several static websites and web apps.
- Created Desktop app for the organization
- Organized several campaigns and programs to teach young learners how to code

Mentor

[Bash Woman Community](#)

📅 2021-Ongoing

Bash Woman Community is an initiative to guide and mentor students. Many students are not aware of the tech, and need some mentorship. The aim of this community is to help 10k people in 2021.

- Contributed to the Bash Woman Community's GitHub organization profile
- Helped the community to decide future plans and workflows
- Helped many coding newbies in their projects

Organizer and Instructor

[PyCampaign20](#)

📅 2020

- Organized PyCampaign20 where more than 30 students participated.
- Created 25 tutorials with sufficient real-world examples and daily challenges
- Participated in after-class feedbacks and discussion session

LANGUAGES


Bengali ● ● ● ● ●


English ● ● ● ● ●

Hindi ● ● ● ● ●

RECOGNITION

 GitHub Arctic Code Vault Contributor

 Several articles got picked by daily.dev

 BWC Blogging Ninja 2021 Winner

EDUCATION

Junior School Certificate

[Rajuk Uttara Model College](#)

📅 2018

GPA
5.0/5

Achieved Government Scholarship for excellent results in the JSC examinations.

Primary Education Certificate

[Kishoreganj Ideal High School](#)

📅 2015

GPA
5.0/5

Achieved Government Talent pool Scholarship for excellent results in the PEC examinations.

PUBLICATIONS

Math and Programming

Bengali Book

🔗 <https://ahammadshawki8.github.io/Publog.html>

Co-authored a book where the relation between math and programming have been discussed and the real meaning behind different math's have been implemented using programming so that people don't need to fear mathematics at all.

NumPy, SciPy, Pandas, Matplotlib – How to get into the Data Science?

🔗 <https://ahammadshawki8.github.io/blog2.html>

A blog post that broadly describes why should you need to enter the field of Data Science “right now” and where you will find good resources to learn NumPy, SciPy, Pandas, and Matplotlib?

Unexpected Lockdown Vacation and Programming MindSet

🔗 <https://ahammadshawki8.github.io/blog5.html>

Wrote a blog post about my personal motivation and programming mindset which helped me to continue my learning process in the unexpected Covid-19 pandemic lockdown.

A Developer without A Community is A Ship without A Rudder

🔗 <https://ahammadshawki8.github.io/blog7.html>

An article where the importance of a community in the development of a developer has been shown with examples and different tips and tricks for remaining active in the community has been discussed broadly.