Md Aminul Islam

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↖ Portfolio ▶ YouTube

Education

B.Sc in Mathematics (CGPA 2.95),   Dec 2019 | Sylhet, Bangladesh
Shahjalal University of Science and Technology

Skills

- **Expertise:** Python | JavaScript | C | SAS
- **Web Designing:** HTML | CSS | ES6 | ReactJS | NodeJS | Bootstrap | TailwindCSS | ExpressJS
- **Familiar:** R | C++ | Matlab | Fortran
- **Database:** SQL | MongoDB | Firebase
- **Tools:** Latex | VS Code | Git | Figma | Netlify | Vercel

Professional Experience

Statistical Programmer II, *Shafi Consultancy* ☐   Jun 2023 – present | Sylhet, Bangladesh
As a Statistical Programmer II, I am responsible for developing NONMEM program, performing independent QC, creating data visualization tools using Python and other appropriate programming language, preparing training materials.

Statistical Programmer I, *Shafi Consultancy* ☐   Feb 2022 – May 2023 | Sylhet, Bangladesh
As a Statistical Programmer I, I was responsible for reading and understanding client requirements for data transformations and statistical analysis, and then writing and validating programs by using appropriate programming language such as SAS, Python and R.

Trainee Statistical Programmer, *Shafi Consultancy* ☐   Aug 2021 – Jan 2022 | Sylhet, Bangladesh
As a Trainee Statistical Programmer, I received training on Clinical trial, Data manipulation, SAS programming, NONMEM as well as developing adequately documented programs.

Python Instructor (Online), *Sofwebs Academy*   Dec 2019 – Jan 2021
                                                                     Bandar Sunway, Malaysia

As a part-time python instructor, I was responsible for teaching python and some advance python libraries such as NumPy, pandas, matplotlib and seaborn for data manipulation and visualization.

Mentor of Mathematics,   Sylhet, Bangladesh
UCC academic and admission care (Private).
I taught mathematics for 4 years and syllabus was equivalent to "A level".

Projects

Academic Project: Development of standalone GUI for parabolic IBVP, *Oct - 2019*
Developed a matlab based GUI for solving parabolic IBVP by using crank nicolson and forward explicit method.

Personal Project: KidsHero
An ecommerce website for selling toys for kids. The website has been developed by using ReactJS and tailwindCSS in the frontend, and NodeJS with ExpressJS in the backend. MongoDB has been used to store data and firebase for authentication and hosting.

Personal Project: CookBook
An website for cooking recipes. The website has been developed by using ReactJS and tailwindCSS in the frontend, and NodeJS with ExpressJS in the backend. MongoDB has been used to store data and firebase for authentication and hosting.

Personal Project: Sales Analysis
Sales data analysis using python. Python libraries such as pandas, numpy, matplotlib, seaborn and some additional libraries are used for describing and making decisions from the sales datasets.

Personal Project: Bistro Boss
An ecommerce website for food order and management. The website has been developed by using ReactJS, tailwindCSS and daisyUI in the frontend, and NodeJS with ExpressJS in the backend. Also JWT and axios have been used with payment system. MongoDB has been used to store data and firebase for authentication and hosting.

Certification

The Python Workshop, *by Packtpub - Certificate Id: 17896922*

Python Programmer Bootcamp, *by 365Datascienc - Certificate Id: CC-2379111903*

Data Science Math Skills, *an online non-credit course authorized by Duke University and offered through Coursera - Verify Id: GZN5PD4KALJ8*

Python for Statistical Analysis, *by udemy - verified: ude.my/UC-d1878d92-ba31-4871-a0dc-8a1262f8ffaf*