Sabbir Hasan Munna

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Professional Summary

I am a graduate student specializing in Solid State Physics, focusing on developing advanced materials through my MSc studies. Alongside my academic pursuits, I excel in full stack development using Python (Django) and JavaScript (React/Next.js), with a track record of successfully completing various projects. Known for my ambition and ability to perform effectively under pressure, I bring a unique blend of scientific rigor and technical proficiency to my work.

Work Experience

1. **Freelance Writer,** *Science View Publication, Khulna*, *Since 2023*
   a. Analyzed complex topics and managed time efficiently.
   b. Authored several physics handbooks.
2. **Developer,** *Viriditas (Startup Home Decor Company), 2024*
   a. Contributed to the development and maintenance of the company's website.

Educational Qualification

Degree	Institution	Year	GPA
M.Sc. in Physics (Solid State Physics)	Khulna University of Engineering and Technology	**2024 - Present**	
B.Sc. (Honors) in Physics	National University of Bangladesh	2021	**3.14**
HSC in Science	Jashore Board	2016	**5.00**
SSC in Science	Jashore Board	2014	**5.00**

Skills

1. **Programming Languages:** Python, JavaScript, TypeScript
2. **Frameworks:** Django, Django REST framework, React, Next.js, Tailwind CSS, Numpy, Matplotlib, Pandas
3. **Technologies:** API, PostgreSQL, Redis, Git, GitHub, Docker, Azure, CI/CD, asynchronous communication, threading, Web Sockets, channels, different protocols and servers, IoT, MQTT, Linux, WSL, VSCode, Prompt Engineering

Special Training

1. Apps and Website Development Course, Khulna administrative convention center construction project, organized by Mangrove Institute of Science and Technology, Khulna

Writing Experience

1. Authored several physics undergraduate notebooks on Classical Mechanics, Electricity and Magnetism, Thermodynamics and Modern Physics

Projects

1. **Headless E-Commerce Project:** DRF, Signals, PostgreSQL, Redis
2. **School Management System:** Django, Bootstrap, jQuery, Ajax, PostgreSQL

3. **CO2 Forecasting:** Python, LSTM
4. **Hotel Management System:** DRF, Next.js, Web Sockets, Uvicorn, IoT, MQTT (full stack)
5. **Plant Based Decor Website (Viriditas):** Django, Next.js

Socials:

Github: https://github.com/sabbir2609

LinkedIn: https://www.linkedin.com/in/sabbir2609

Facebook: https://fb.me/0xsabbir