Md. Abid Jahan

✉ abidjahan1995@gmail.com   📞 +8801689950760

📍 Bhawal, Ati Bazar, Keraninganj, Dhaka, Bangladesh

 github.com/Abidjahan1   in linkedin.com/in/abid-jahan

Professional Summary

Versatile IT professional with over 4 years of hands-on experience in software development, backend systems, and database management, now expanding my skills in networking and system integration. I'm passionate about blending the art of clean coding with the practical needs of a networked world. I've configured shared local networks in real-world settings and backed it up with formal training in networking fundamentals, IP routing, and automation. Whether I'm building efficient Python applications or ensuring smooth device communication, I tackle each challenge with a builder's mentality, always seeking solutions and taking ownership of my work. Eager to contribute to environments where both software and network reliability are key to success.

Experience

Trainer & Programmer   Dec 2021 – Dec 2024

Unicom Academy

32/7, Sher-E-Bangla Road, Tollabag, Dhanmondi, Dhaka

- Designed and delivered curricula on Python, Flask, Tkinter GUI, MySQL, and data management systems.

- Supervised end-to-end development of CRUD-based web applications integrated with MySQL.

- Mentored learners in data handling, including CSV, JSON, and SQL datasets using Python libraries such as Pandas and Matplotlib.

- Supervised beginner-friendly projects focused on real-life data analysis and visualization (COVID-19 trends, sales data dashboards).

- Configured and maintained a small-scale local network for instructional use, including printer sharing across 6 PCs, and troubleshooting basic connectivity issues to ensure seamless lab operations.

- Applied foundational networking knowledge in areas such as IP configuration, local device communication, and network resource access—supporting both classroom infrastructure and learning environments.

Projects:

- **Career Website (Flask + MySQL):** Full-stack job portal with dynamic forms, user analytics, and secure login.

- **Notification System:** User-specific messaging with backend integration and real-time updates.

- **Password Generator, Stopwatch (Tkinter):** Lightweight GUI-based desktop tools.

- **Dhaka Air Quality Forecasting (2016–2022)**
  Dataset Source: Kaggle – Dhaka Hourly Air Quality
  Developed a predictive model using historical air quality data from Dhaka city to analyze AQI patterns and forecast pollution levels. Applied data preprocessing, time-series analysis, and visualization to explore seasonal trends and health implications. This project demonstrates proficiency in data cleaning, statistical modeling, and public health impact assessment.

- **COVID-19 Bangladesh Data Analysis**
  Dataset Source: Kaggle – Bangladesh COVID-19 Daily Cases
  Analyzed daily COVID-19 data to extract trends on confirmed cases, deaths, recoveries, and quarantines from March to April 2020. Leveraged Pandas and Matplotlib for EDA and visual storytelling. The project reflects the ability to derive insights from open government data and contribute to health data transparency and public awareness.

AR/VR Developer   Jan 2021 – Jul 2021
Bangla Puzzle Ltd
Software Technology Park (Level-4), Kawran Bazar, Dhaka-1215

- Developed interactive AR/VR applications for education and training using Vuforia SDK.

- Collaborated on Unity-based mobile experiences focusing on real-time object tracking.

  Game Development (WebGL):

- Developed and published 5+ WebGL games involving real-time interaction and algorithm-based design.

- Examples: **Flying High, Two Dots, Save Planet** — [YouTube Portfolio]

Skills

- Programming & Backend:Python, Flask, Pandas, NumPy, C++, OOP, Algorithms

- Web Technologies: HTML,CSS, JavaScript

- Databases: MySQL, SQLite, Data Modeling

- Data Visualization: Matplotlib, Seaborn

- Tools & Version Control: Git, GitHub, JSON, REST APIs

- Data Handling: Data Cleaning, Quality Assurance, CSV/JSON/SQL Processing

- Networking (Fundamentals): IP Addressing, Device Communication, Printer Sharing, LAN Setup

- Network Tools: Cisco Packet Tracer (Basic Configuration & Simulation), Network Topology Design

- Unity, Vuforia, Game Design

- Block Coding – Code.org(Verified teacher)

Education

B.Sc. in Computer Science & Engineering *2015 – 2019*
University of Information Technology & Sciences (UITS)
CGPA: 3.19 / 4.00

Higher Secondary Certificate (Science) *2011 – 2013*
Gurudayal Government College, Dhaka Board
GPA: 4.40 / 5.00

Secondary School Certificate (Science) *2009 – 2011*
Azimuddin High School, Dhaka Board
GPA: 4.63 / 5.00

Training

CCNA 200-301 Network Fundamentals Course *5 Hours -Self Paced*
Online - www.simplilearn.com
Focus: Network Engineering,Routing Protocols,Operational Support,SAN Networking Knowledge,Unified Communications,OSI Model,Multicasting IPv4 and IPv6,Cisco ASA Firewalls,Virtual Networking.

AR/VR Training – LICT Project   *July 2020 – October 2020*
Service Engine, BPO
Technologies: Vuforia, ARCore, Google VR

Advanced Apps & Game Development   *Oct 2019 – Mar 2020*
B2M Technologies
Focus: Unity 3D, Game Mechanics, Simulation

Skill Development: Mobile Game & App   *200 Hours*
Digicon Technologies Limited
Focus: Android App Development, UI/UX

Languages

- Bengali (Native), English (Professional)

Reference

Engr. Shalimur Rahman
CEO, Precision Design & Build
Mobile: 01911544583