

Md. Abid Jahan

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Professional Summary

I'm a Python developer with over 3 years of real-world experience turning backend ideas into fully working systems that are reliable, easy to maintain, and user-friendly. I enjoy building APIs with Django and Flask, making sure they run smoothly with MySQL, PostgreSQL, and sometimes MongoDB when flexibility is needed. Whether it's a job portal, a sentiment analysis tool, or a complete web app, I focus on writing code that's clear, practical, and ready for real users. I'm especially interested in the structure behind good software—clean logic, efficient queries, and thoughtful design decisions. I enjoy collaborating with others, learning through building, and bringing extra care to the backend systems I work on. I'm looking forward to being part of a team where I can keep growing and help build tools that matter.

Experience

Trainer & Programmer

Dec 2021 – Dec 2024

Unicom Academy

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

- Designed and delivered practical training in Python, Flask, Django, MySQL, and PostgreSQL with a focus on real-world backend development.
- Developed and maintained full-stack web applications using Flask and Django, focusing on clean RESTful API design, secure user authentication, and efficient database integration.
- Tutored trainees in data handling and preprocessing flows, CSV, JSON and SQL datasets using python packages such as Pandas, NumPy, Matplotlib.
- Built and guided dynamic web projects such as job portals and dashboards, implementing form handling, session management, and role-based access.
- Mentored students in backend logic, database schema design, and code structuring for scalable and maintainable applications.

Projects:

- **Sentiment Analysis Web Application:** Created a full-stack sentiment analysis app with a Kaggle logistic regression model. Converted integrated model into a Django web app using PostgreSQL backend, and allowing estimating the real-time sentiment from user input. (Tools: Python, Django, PostgreSQL, scikit-learn) - [Source Code](#)
- **CareerConnect – Full Stack Job Portal (Django + PostgreSQL):** Developed a complete recruitment platform with secure user registration, CV-based job applications, and an admin dashboard using Django Admin. Designed relational models with Django ORM and PostgreSQL, built RESTful APIs with Django REST Framework, and implemented unit testing for backend reliability. Frontend built with HTML, CSS, and JavaScript. - [Source Code](#)
 - Secure user authentication and CV upload with application forms
 - Admin panel to manage job posts, view applicants, and update homepage content
 - REST API endpoints for job listings and applications
 - PostgreSQL integration, relational model design, and ORM queries
 - Backend testing with `unittest`; optional email notifications on submissions

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, Django, Pandas, NumPy, Scikit-learn, Logistic Regression, Linear Regression, Machine Learning Fundamentals, OOP, Algorithms
- Web Technologies: HTML, CSS,

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|---|--|
| JavaScript, REST APIs | GitHub, JSON |
| <ul style="list-style-type: none"> • Databases: PostgreSQL, MySQL, MongoDB • Data Visualization: Matplotlib, Seaborn, Plotly, Altair • Tools & Version Control: Git, | <ul style="list-style-type: none"> • Data Cleaning, Quality Assurance, CSV/JSON/SQL Processing • Additional: 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)

Training

Machine Learning Crash Course [[Course link](#)] *15 Hours, 12 Modules -Self Paced*
Google Developer My Portfolio

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)