Mohammad Al Amin

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Career Objective

Aspiring **Python Backend Developer** with strong **Python fundamentals** and hands-on experience in Django, REST APIs, automation using Playwright, and web development with **HTML & CSS**. Deployed multiple projects on **AWS EC2** and skilled in building secure, scalable backend systems. Previously trained 300+ students in Python fundamentals under a government ICT initiative. Seeking to grow as a backend engineer at **Algesoft** while contributing to real-world projects.

Skills

Languages & OOP: Python (strong fundamentals, intermediate), SQL, C, C++

Backend & Web: Django, Django REST Framework, REST APIs, Authentication, HTML, CSS

Databases: SQLite3 (adaptable to PostgreSQL, MongoDB basics)

Automation & Scraping: Playwright, Requests, BeautifulSoup (bs4)

Tools & DevOps: Git, GitHub, Linux CLI, Vim, AWS EC2

Soft Skills: Problem-Solving, Communication, Teamwork, Continuous Learning

Projects

Blog API (Django REST Framework)
Code: https://github.com/Mohammad-Al-Amin-98/blog-api
API Docs: http://ec2-43-201-21-86.ap-northeast-2.compute.amazonaws.com:8000/api/schema/swagger-ui/

- Built a **RESTful Blog API** with CRUD operations, user authentication, and email verification.
- Documented all endpoints using **OpenAPI 3.0**.
- Developed with **SQLite3**, easily extendable to PostgreSQL.
- Deployed on **AWS EC2**, gaining real-world hosting experience.

Newspaper Web Application(Django)
Code: https://github.com/Mohammad-Al-Amin-98/news-paper-site
Live Site: http://ec2-43-201-21-86.ap-northeast-2.compute.amazonaws.com:8001/

- Created a **news publishing platform** with CRUD features, comments, & role-based access.
- Implemented **user authentication and authorization**.
- Built **frontend UI using HTML & CSS**.
- Independently deployed on **AWS EC2**.

Gmail Automation Script(Python & Playwright)
Code: https://github.com/Mohammad-Al-Amin-98/Gmail-Automation

- Automated Gmail login, email scraping, and logout using **Playwright**.
- Extracted email data and displayed it in the terminal to demonstrate automation skills.

Experience

Python Programming Trainer – ICT Division, Govt. Project
📅 Oct 2023 – June 2024

- Trained 300+ high school students in Python fundamentals, OOP, and problem-solving.
- Designed hands-on coding exercises and mentored students individually.
- Strengthened students' **logical thinking and coding confidence**.

Problem Solving

- Solved **150+ problems** across multiple platforms.
- **CodingBat**
  - 72 Python-specific problems
  - Profile**:** https://codingbat.com/done?user=aduvaijane@gmail.com&tag=5834718696
- **LeetCode**
  - 28 DSA problems
  - Profile**:** https://leetcode.com/u/TheWizard007/
- **HackerRank**
  - 20 Python-specific problems
  - Profile: https://www.hackerrank.com/profile/wannabeprogramm3
- Codeforces & other platforms: 30 contest problems, additional problems on BeeCrowd, CodeChef, LightOJ

Education & Training

- **CSE Fundamentals** – Phitron, Programming Hero (2022)
- **Web Development with Django & React** – Ostad (2024, Ongoing)

Languages

- Bangla – Native
- English – Professional