Khirul Islam

Associate Software Engineer

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Khilkhet, Dhaka, Bangladesh

OBJECTIVE

Aspiring Software Engineer with hands-on experience in Django REST Framework and API development. Passionate about backend development and eager to contribute to real-world projects. Aiming to build a strong foundation in software engineering with a focus on integrating Artificial Intelligence to develop innovative and impactful solutions.

EDUCATION

• **Green University of Bangladesh**   *January 2022 - January 2026 (Expected)*
B.Sc. in Computer Science & Engineering (CSE)   Dhaka, Bangladesh
  ◦ CGPA: 3.32/4.00

SKILLS

- **Programming Languages:** C, C++, Python, JavaScript, Java
- **Web Technologies:** Django, Django REST Framework (DRF), WordPress, HTML, CSS, Bootstrap, Tailwind
- **Database Systems:** MySQL, PostgreSQL, SQLite
- **Cloud Technologies:** AWS (Beginner), Vercel, Netlify
- **Tools:** Git, GitHub, Postman, Figma, MS Office
- **Other Skills:** SDLC, Object-Oriented Programming, Data Structures & Algorithms (DSA), Problem Solving
- **Research Skills:** Data Mining

EXPERIENCE

• **GenZSoft [⊕]**   *May 2025 - Current*
Backend Developer Intern   Remote
  ◦ Developed and maintained RESTful APIs using Django and Django REST Framework for key application modules.
  ◦ Collaborated with the frontend team to ensure smooth API integration and data flow.
  ◦ Followed best practices in code structuring, version control, and documentation to ensure maintainability.
  ◦ Designed and optimized relational database models to support dynamic backend features.

PROBLEM SOLVING ACTIVITIES

CodeChef Rating: 1538, [khirul]
CodeForces Rating: 1075, [khirul-islam]
LeetCode: 30+ problems solved, [khirul]
Passionate about problem-solving with 300+ solved problems across different platforms. Continuously improving DSA, problem-solving, and optimization skills.

PROJECTS

• **Amadershikkha: [A Educational Platform]**   *Jan 2025 – Apr 2025*
Tools: [Python, Django, Django REST Framework, MySQL, React, HTML, CSS, JS, Bootstrap, Tailwind CSS]   [Live Link ⊕]

Amadershikkha is a unified platform that serves multiple training institutes (vendors) from a single backend. Each institute gets a customized demo design installed, enabling them to manage their data efficiently while sharing the common system.

  ◦ Supports multiple user roles with role-based access to manage different aspects of the platform.
  ◦ Communication services including SMS and email notifications to keep users informed and engaged.
  ◦ Includes a designer role to create and upload advertisement designs that vendors can use within their institutes.

• **Pawgle: [A Pet Adoption Platform]**   *Jan 2025 – Apr 2025*
Tools: [Python, Django, Django REST Framework, PostgreSQL, HTML, CSS, JS, Bootstrap]   [GitHub ⓞ]

A user-friendly platform designed to connect pets in need with caring adopters. It streamlines the adoption process, fostering a trusted community where pet owners and adopters can collaborate to ensure pets find safe, loving homes.

  ◦ RESTful APIs for managing pet data (add, update, delete, view)
  ◦ Role-based access control (admin, user)
  ◦ Adoption request system with status tracking
  ◦ Report system to flag irrelevant or inappropriate pet listings