Iqbal Bahar Prince

Iqbal Bahar Prince
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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Professional Summary

Self-motivated and detail-oriented Software Developer with proven experience building robust web applications using Django, Flask, and PostgreSQL. Skilled in developing RESTful APIs, debugging backend issues, and writing clean, maintainable code. Solid understanding of software engineering principles, Agile development, and version control workflows. Passionate about contributing to team-driven environments and delivering high-performance solutions.

Technical Skills

- **Programming Languages**: C, C++, Java, Dart, Python, JavaScript, SQL

- **Frameworks & Libraries:** Django, Flutter, Flask, FastAPI, Bootstrap

- **Databases:** PostgreSQL, MySQL

- **API Development:** RESTful APIs, Postman

- **Tools & Platforms:** Git, GitHub, VS Code, Railway

- **Version Control:** Git

- **Development Methodologies:** Agile (Scrum), CI/CD (basic), TDD (unit testing)

- **Cloud & DevOps (Familiar):** Docker, GitHub Actions

Project

✓ **CRUD API with Flask**

- **Designed and deployed** a RESTful API using Flask and PostgreSQL, hosted on Railway with 99.9% uptime.
- **Reduced response latency by ~40%** through optimized query handling and route structuring.
- **Demonstrated proficiency** in API versioning, error handling, and integration testing with Postman.

✅ **Online Course Management System (Django)**

- **Engineered** a full-stack course platform backend supporting **user roles** (learners, instructors, admins) with secure authentication and role-based access.
- **Integrated** dynamic enrollment workflows, content delivery models, and admin dashboards using Django ORM and PostgreSQL.
- **Increased scalability** by applying efficient database indexing, resulting in **30% faster page load times** during testing.
- **Maintained codebase** on GitHub using Git flow, ensuring collaboration readiness and modular development.

✅ **Flutter Mobile Applications (Photo Gallery, Weather App, Adventure Game)**

- https://youtu.be/cWHLOOZmXY8?si=EFe0vPI6gXzTeTel

✅ **Flutter Mobile Applications (Movie Hub, BMI Calculator, Quizzler App)**

- https://youtu.be/wxNAcAJBXVU?si=xvd08K3lkFxG7AaO

Education

Bachelor of Science in Computer Science and Engineering
North South University, Dhaka
2016 – 2024

HSC – Notre Dame College, Dhaka
2012 – 2014

Certifications

- **Django Application Development with SQL and Databases** – IBM / Coursera

- **Python for Data Science, AI & Development** – IBM / Coursera

- **Introduction to Software Engineering** – IBM / Coursera

- **Responsive Web Design** – FreeCodeCamp

- **Modern JavaScript (ES6 Basics)** – Coursera

- **Intro to Machine Learning** – Kaggle

Professional Development

Career Development Period (2023 – Present)
Took a focused break to strengthen backend development skills through project-based learning, online certifications, and algorithmic training (Codeforces). Built and

deployed full-stack apps, honed API design, and prepared for immediate contributions in a professional development team.oblem-Solving

Online Profiles

- GitHub: https://github.com/IB-Prince

- LinkedIn: https://www.linkedin.com/in/ibprince001/

- Portfolio: https://ib-prince.github.io/portfolio/

- Codeforces: https://codeforces.com/profile/princeIqbal

- LeetCode: https://leetcode.com/u/IB-Prince/