

Asir Adnan

Phone: +8801842274111 — Email: hello@asiradnan.com — LinkedIn: linkedin.com/in/asiradnan — GitHub: github.com/asiradnan

Summary — I can build the backend of web apps with Django and the frontend with React. And can host the apps to go live.

Skills

Python Django, Django Rest Framework, FastAPI
JavaScript React, NextJS, Expressjs, Nodejs,
Basic Web HTML, CSS, JavaScript, TailwindCSS

Database PostgreSQL, MySQL, SQLite
Cloud AWS(EC2, S3, SES, RDS, CloudFront)
System Git, GitHub, CI/CD, Nginx, Linux

Competitive Programming

- Represented BRAC University at the ACM ICPC Asia Dhaka Regional 2023 (Top 110 finish).
- Represented BRAC University at the National Collegiate Programming Contest 2023 (Top 100 finish).
- Achieved highest ratings of 1321 on Codeforces and 1602 on CodeChef through 80+ online contests.
- Solved 2000+ problems across online judges including Codeforces(1150+), CodeChef(180+) and LeetCode(200+).

Projects

Pulse Campus

<https://pulsecampus.asiradnan.com>

- Built a comprehensive college management system using Django, hosted via Nginx on Amazon EC2.
- Designed RBAC to manage departments, classes, clubs, noticeboards and forum posts with comments.
- Deployed PostgreSQL on Amazon RDS for scalable, reliable database management and optimized query performance.
- Images and files for forum posts and notices are stored and served via Amazon S3.
- Integrated Celery with Redis to handle asynchronous email notifications via Amazon SES as background jobs.
- Set up CI/CD pipelines using GitHub Actions to automate testing and deployments.
- Achieved 98% code coverage by writing comprehensive tests targeting models, views, and asynchronous tasks.

Cross Platform Todo App (Web and Android)

<https://todo.asiradnan.com>

- Designed a cross-platform task management system (Android & Web) that managed more than 2,500 tasks
- Implemented user authentication and task management APIs using FastAPI with a lightweight SQLite database.
- Created a Next.js web frontend to support task management, profile update, and authentication flows.
- Configured notifications, theme switching (dark/light), and tabbed views for completed/incomplete tasks.
- Developed Kotlin-based Android app with an offline-first architecture; enabled seamless synchronization with the server.
- Hosted backend and frontend on a DigitalOcean VPS with Nginx.

Copy Pasta

<https://copypasta.asiradnan.com>

- Developed Copy Pasta using Django to enable seamless text and file transfer between devices without authentication.
- Implemented a custom key-based system to securely upload, retrieve, edit and delete text or files.
- Integrated Amazon S3 and CloudFront for efficient content delivery.
- Achieved 95% code coverage through unit testing.

QR Code Generator

<https://qr.asiradnan.com>

- Developed a customizable QR code generation tool with Django using the QR Code module.
- Enabled options for choosing custom background and foreground colors.
- Implemented a custom size option for the image that will match the required resolution for printing.

Chotto URL

<https://chottourl.asiradnan.com>

- Developed a full-stack URL shortener using React and Django REST Framework.
- Implemented click analytics and usage tracking, providing insights on user engagement through statistics.
- Deployed the app on a self-hosted VPS with Nginx, ensuring responsive design, fast redirects and secure API integration.

Experience

BRAC Business School

Nov 2024 – Present

Web Developer

- Built, maintained and hosted International Conference websites like <https://iccbm.bracu.ac.bd/2025>.
- Deployed a PHP-based internal portal on Hostinger with a custom domain for streamlined faculty collaboration.

Education

Bachelor of Science in Computer Science

2022 - 2025

BRAC University