

# Shadman Yaser

✉ shadmanyaser890@gmail.com 📞 01622997885 🌐 [github/Shadman Yaser](#)

🌐 [linkedin/Shadman Yaser](#) 🌐 [Portfolio: Shadman Yaser](#)



## Education

### B.Sc. in Computer Science and Engineering

International Islamic University Chittagong (2021-2025)

CGPA: 3.56

HSC, Chittagong Govt Model School and College (2019-2020)

GPA: 5.00

SSC, Bangladesh Railway Govt High School (2016-2017)

GPA: 4.86

## Skills

- **Programming:** PHP, C/C++, JavaScript (learning), SQL, OOP
- **Web Development:** Laravel (Routing, Blade, Migration, Validation, Auth, MVC), HTML5, CSS3, Tailwind CSS
- **Machine Learning:** CNN, Attention Mechanisms, Classification, Data Analysis, Computer Vision (Object Detection, Image Classification, Transfer Learning, Model Evaluation)
- **Others:** Problem Solving, XAMPP, Power BI, Excel, Git, MySQL

## Work Experience

### Teaching Assistant : Basic Electrical and Electronics Engineering Lab (Jul 2023 - Dec 2023)

Assisted students in conducting lab experiments and understanding core concepts of electrical and electronics engineering.

## Projects

1. **AstroAware** - Interactive impact simulator turning live asteroid data into actionable insights. Integrated NASA NeoWs and Sentry APIs, Wolfram Meteorite Landings, and USGS hazard/population data to estimate impact energy, earthquakes, tsunamis, and map regional exposure (Bangladesh-focused). Implemented backend physics calculations, API integration, dynamic PDF briefings, and real-time alert emails. Frontend includes hover maps, risk rings, mitigation guides, quizzes, gallery, and an asteroid defense game to boost public awareness. 🌐 [Live](#) 🌐 [Repository](#)
2. **Check User** - Developed a full-featured Laravel CRUD application with complete authentication, routing, and MVC architecture using MySQL. Implemented secure user registration and login, data validation, and dynamic content management, allowing efficient handling of user information and backend operations. 🌐 [Repository](#)
3. **Krishi.net** - Farming platform designed to provide practical solutions for rural Bangladeshi farmers, built with a responsive frontend using Tailwind CSS. 🌐 [Live](#) 🌐 [Repository](#)
4. **Banana Ripeness Detection** - Flask app for banana ripeness prediction with graph-based visualization. Developed using computer vision techniques and transfer learning to train the model before deployment. 🌐 [Live](#) 🌐 [Repository](#)

## Competitions

1. Certificate of Achievement - 1st Runner up of Hult Prize at IIUC 2024-25 On Campus Program. [\[Certificate\]](#)
2. Certificate of Participation - Onsite Project Showcase Final Round by AUST Innovation and Design Club. [\[Certificate\]](#)
3. Certificate of Participation - AI Engineering Hackathon 2025 by Brain Station23 and Poridhi.io. [\[Certificate\]](#)
4. Certificate of Appreciation - Hackathon segment at Chittagong Science Carnival 4.0 (CUSS). [\[Certificate\]](#)

## Courses

1. PHP (Laravel) Training - Dept. of CSE, CUET under EDGE Project (BCC, ICT Division). [\[Certificate\]](#)
2. Data Analyst with SQL & Python - Farhan's Academy. [\[Certificate\]](#)
3. 12-Hour App Development Crash Course - IIUC SBC. [\[Certificate\]](#)