

MD. TANVIR AHAMMED HRIDOY

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EDUCATION

B.Sc in CSE - 3.59 CGPA

Jagannath University, Dhaka

📅 Jan. 2019 - Apr. 2024

HSC examination - 4.92 GPA

Holy Land College, Dinajpur

📅 June 2016 - June 2018

TECHNICAL SKILLS

Programming Languages

Python, C, C++, C#, Java

Web Design Technologies

HTML, CSS, Bootstrap, Ajax, PHP, JavaScript

Application Development

Flutter, Dart, Swift

Frameworks & Libraries

ASP.NET Core, Scikit-learn, TensorFlow

Database

MySQL, SQL Server, Firebase, MongoDB

Others

Git, Docker, Kubernetes, GitHub, Django, Jira, Linux

WORKING EXPERIENCE

Junior App Developer

Bdjobs.com, Dhaka

📅 August 2024 - Present

- Designing, developing and optimizing iOS applications using Swift and CocoaPods, ensuring high performance and seamless user experience.

Cloud Computing - Intern

Prime Tech Solutions Ltd, Dhaka.

📅 September 2023 - January 2024

- Gaining hands-on experience with CI/CD pipeline and Kubernetes deployment.

ACHIEVEMENTS

Orange Corners BD Ideation Challenge 3.0 (Top 20)

Team name: AgriVillage

Intra University Programming Contest 2023 (9th)

Handle: hridoy65

JnU Project Showcasing Competition 2023 (3rd)

Team name: Team_Fixit

Code Samurai Hackathon 2022 and 2024

ICPC Programming Contest 2021 and 2022

Best Presenter in Intra-University Competition 2023

THESIS

Leveraging web scraping and stacking ensemble machine learning techniques to enhance detection of major depressive disorder from social media posts. [[link](#)]

- **Core Techniques:** Web Scraping, NLP, Sentiment Analysis, Deep Learning, Hyperparameter Optimization, Stacking Ensemble

PROJECTS

Earnar App [[link](#)]

Job seekers connect with remote jobs posted by employers, enabling applicants to submit CV and undergo online interviews for job selection.

- **Tech Stack:** Flutter, Dart, Firebase

JnU Canteen App [[link](#)] & Website [[link](#)]

Offers convenient ordering and bKash payment for meals at Jagannath University's canteen, improving the dining experience through QR code scanning.

- **Tech Stack (app):** Flutter, Dart, Firebase
- **Tech Stack (website):** HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, Ajax

FashionBD Website [[link](#)]

Diverse products are available for online purchase on this e-commerce website with user role segmentation for administration, shipping, and customer support.

- **Tech Stack:** HTML, CSS, Bootstrap, JavaScript, PHP, MySQL

AgriVillage [[link](#)]

Implemented an agricultural tourism platform that allows users to easily buy tickets and products and join agri events.

- **Tech Stack:** NextJs, TailwindCSS, Nodejs, ExpressJs, MongoDB, Docker, RestAPI, Git,

Deploying Website with Kubernetes [[link](#)]

Manage a multi-pod environment to prevent delays in website availability in case of a pod failure.

- **Tech Stack:** Docker Container, Kubernetes, MongoDB

Hello Assistant [[link](#)]

It's an AI-based virtual assistant designed to execute various commands as per voice commands.

- **Tech Stack:** Python

Detecting Counterfeit Banknotes [[link](#)]

Employs DIP techniques to verify the authenticity of Bangladeshi currency notes.

- **Tech Stack:** Python

ONLINE COURSEWORK

Web Design & Development - Batch Wd25

Issued by LEDP, ICT Division

Mobile Application development - Flutter

Issued by Influxdev