

JANAK MALLIK

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About me

I'm passionate about tech projects and have a good knowledge in programming languages, algorithms, and data structures for software and web development. I'm interested in strategy for product concept designing and new engaging ideas. I'm motivated to work on innovative technologies and contribute positively for the growth for humanity.

Education

Ahsanullah University of Science and Technology | aust.edu

Bachelor of Science in Computer Science and Engineering | CGPA: 3.506

Dhaka, Bangladesh

December 2019 - April 2024

Certificates

- **Machine Learning Specialization**, Coursera (DeepLearning.AI, Stanford University) [Credential URL](#)

Short Courses

- **Finetuning Large Language Models**

DeepLearning.AI (Lamini) [Credential URL](#)

- **Introducing Multimodal Llama 3.2**

DeepLearning.AI (Meta) [Credential URL](#)

- **Building Systems with the ChatGPT API**

DeepLearning.AI (OpenAI) [Credential URL](#)

- **Multi AI Agent Systems with crewAI**

DeepLearning.AI (CrewAI) [Credential URL](#)

Projects

Database Project – TICKETZY

Developed in **SQL & Java** | A movie ticket management system enables ticket sellers to manage customer records, track available movies, and allocate seats by date and theater number. [GitHub link](#)

Web Dev Project – Online Clothing Shop

Developed in **HTML, CSS, Bootstrap 5, and PHP, integrated with MySQL** | A clothing brand website showcasing products with proper customer purchase experience. [GitHub link](#)

Web Project – Personal Portfolio Site

Developed in **HTML, CSS and JavaScript** | Visit my portfolio site at <https://janakmallik.github.io/>.

Android App Project – ShopEasy

Developed in **Android SDK using Kotlin and connecting with Firebase** | A grocery shopping app where shop

owners can list their products while enabling customers to place orders for desired items.

DDBS Project – School Management System

Developed in **PL/SQL** | A distributed database project for school management system for different branches. [GitHub link](#)

ASP.NET (MVC) Project – EbookCafe

Developed in **ASP.NET (MVC) with C#** | An online eBook store project designed for customers to buy, review, and even order physical copy with facility of multiple admin control access. [GitHub link](#)

I- Graphics Project – HEROES OF THE GALAXY

Developed in **C++ and I- Graphics** | A spaceship game development where the player defends the planet by shooting asteroids and enemy spaceships aiming to attack. [GitHub link](#)

Research Papers

- A Machine Learning Approach for Green Space Extraction in Residential Areas of Dhaka through Satellite Images.
- A Comparative Study of Deep Learning Models for Bengali Tech Product Reviews Sentiment Analysis. (we prepared a dataset of 4000)

Skills

Languages & Technologies: C, C++, C#, Python, Java, Kotlin, Assembly Language, HTML, CSS, JavaScript, TypeScript

Database & Environments: PL/SQL, MySQL, SQL, Firebase, NetBeans IDE, Android SDK, ASP.NET (MVC), Git & GitHub, Latex

Frameworks and Libraries: PyTorch, Keras, Scikit-Learn, Numpy, Pandas, Tensorflow

My learning update - [GitHub link](#)

Personal Interest

Analyzing general events | Predicting outcomes | Business understanding | Strategic decision making | Fact based learnings | Managing projects | Conducting team works

This resume is updated by October 31, 2024