FARIHA AFRIN TAMANNA

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CAREER OBJECTIVE

Enthusiastic and detail-oriented Full Stack Developer with strong expertise in Frontend (React, TypeScript, Tailwind CSS) and Backend (Node.js, Express.js, MongoDB, SQL) development. Skilled in building scalable, responsive, and user-centric web applications with a problem-solving mindset. Experienced in web scraping (BeautifulSoup, Selenium) for data-driven solutions. Passionate about learning new technologies, contributing to innovative projects, and growing as a versatile software engineer by delivering high-quality products across the full development cycle.

SKILLS

- **Full Stack:** React, Node.js, Express.js, MongoDB — GitHub
- **Web Scraping:** BeautifulSoup, Selenium — GitHub
- **Languages:** JavaScript, Python, C++, C
- **DSA:** Data Structure & Algorithm, Assembly

- **Frontend:** HTML,CSS,Tailwind CSS,React,TypeScript
- **Database:** SQL, MongoDB Atlas
- **Graphics:** OpenGL (C++)
- **Tools:** Git, VS Code, Google Colab
- **Others:** MS Office, Canva,Latex

EDUCATION

BSc in Computer Science and Engineering
Stamford University Bangladesh   CGPA: **3.73**

BACHELOR PROJECT

Comparative Platform for Academic Programs (MERN Stack)   *May 2024 – Dec 2024*

- Scraped program data from umanitoba.ca, ubc.ca using BeautifulSoup & Selenium
- Built MERN app with React, DataTables, Ant Design & secure REST APIs
- Implemented filtering, sorting, and protected routes (Node.js backend)
- GitHub: A Web Solution for Shortlisting Programs Abroad

KEY PROJECTS

Pill Splitter Challenge — Interactive pill splitting UI   *React, TypeScript, Tailwind CSS* — GitHub
Shuffle Board Challenge — Drag-and-drop tile game UI   *React, TypeScript, Tailwind CSS* — GitHub
Window Tiler Challenge — Resizable & movable window tiling UI *React, TypeScript, Tailwind CSS* — GitHub
HireMe - Job Portal   *Node.js, Express.js, MongoDB* - GitHub.
Developed secure RESTful APIs for authentication, job posting, and applications management.
Product Management   *Node.js, Express.js, MongoDB* - GitHub
Developed a RESTful backend to manage products and categories with features like dynamic product code generation, filtering, and discount pricing.
MERN Stack Abroad Study Web App-Higher study platform *React, Node , Express.js , MongoDB* —GitHub
University Program Scraper — Scraped program info using Python   *BeautifulSoup, Selenium*
Traffic Control System — 2D simulation with OpenGL   *C++, OpenGL* — GitHub | YouTube
Robot Navigation Data — Wall-following robot analysis   *ML concepts* — GitHub
World Job Platform — Connects global job seekers with recruiters   *HTML, CSS, Bootstrap, PHP*

CERTIFICATIONS & AWARDS

- **Scholarship Winner** — CGPA 4.00 for 2 consecutive semesters
- **8th Place** — SOOKH IT Quiz, 2021