FATEMA AHSAN MEEM

(438) 686-5921 · fatemameem97@gmail.com · github.com/fatemameem · linkedin.com/in/fatema-meem/ · Canada

EDUCATION

Master of Engineering, Information Systems Security   **Dec 2024**
Concordia University
Relevant Courses: Operating System Security, Systems Integration and Testing, Security Evaluation Methodologies, Network Security Architecture Management, Malware Defenses and Application Security

Bachelor of Science, Computer Science & Engineering   **Sep 2021**
BRAC University
Relevant Courses: Cloud Computing, Algorithms, Data Structures, System Analysis & Design, Software Engineering
Research: Affective Computing Based Personalized Meal Recommendation

SKILLS

Programming	JavaScript, TypeScript, Liquid, HTML, CSS, Java, Python
Frameworks	ReactJS, NextJS, Radix UI, Bootstrap, Tailwind
Tools	GitHub, Vercel, Vite, Turbopack, Chrome DevTools, Lighthouse
Database	MongoDB, Redis, Supabase
Methodologies	Scrum, OOP,
Architectures	REST API, MVC

PROJECTS

Tech-Nest Canada | Live site: tech-nest.communicatingtech.com

- Shipped a production Next.js + TypeScript site (Tailwind, Radix) for a cybersecurity/AI-ethics collective, live and actively used.
- Built Google Sheets-powered events & podcasts with custom hooks, enabling non-dev content updates in minutes.
- Built an admin dashboard for managing events, podcasts, and team members with real-time updates.
- Implemented an interactive contact form with privacy policy consent, real-time error handling, and Resend API integration.
- Managed global state with Context API, ensuring seamless UI updates across the dashboard and public pages.
- Added caching + memoization, cutting external API calls by 60-70% and improving perceived data-load times on repeat visits.

Bangladesh Graduate Students Association(BDGSA) Website | In-progress

- Built a full-stack blog platform with Next.js, React (TSX), and Tailwind CSS, featuring a responsive blog slider.
- Created REST APIs for dynamic blog management and real-time content updates.
- Implemented admin authentication with JWT and bcryptJS for secure access to an admin dashboard.
- Developed a blog submission system with role-based access and admin moderation for content approval.
- Optimized UI/UX for mobile-first design with a scalable architecture.

PROFESSIONAL EXPERIENCE

Frontend Developer   **Jun 2022 - Dec 2022**
Bevy Commerce

- Developed custom Shopify storefronts and apps using React, Liquid, JavaScript, and Tailwind CSS.
- Refactored components into reusable functional React components, improving developer efficiency.
- Optimized website performance by 80% through code splitting, lazy loading, and asset compression.
- Collaborated with designers and testers in an Agile Scrum environment to deliver client-ready storefronts within the deadline.
- Integrated third-party services (Klaviyo, Happy Returns, Bevy Design) using Shopify APIs and async JavaScript.
- Worked with the Shopify API to integrate third-party services, streamline processes, and automate tasks.
- Continuously maintained and enhanced app performance, regularly providing updates and additions to match changing user requests and industry trends.