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Work Experience

Junior Web Developer (Remote), Startup Hub

01/2025 – 04/2025

Tech Stack: React.js, Node.js, Next.js, Express.js, MongoDB, Spring Boot, Tailwind, Bootstrap, Framer Motion, GSAP, Git

- & Developed responsive and user-friendly interfaces using React.js.
- & Built full-stack applications with MERN stack and REST APIs.
- & Implemented backend features using Node.js and Spring Boot.
- & Managed databases and optimized queries for performance.

Education

BSc in Computer Science & Engineering, American International University Bangladesh

CGPA: 3.63/4.00 Relevant Courses:

- & Software Quality Testing, Advanced Web tech (Nest.js, Next.js)
- & Machine Learning, Data Science, Advanced Python Programming

Technical Skills

Problem Solving

Solved complex UI, responsiveness, and performance issues using React.js, TypeScript, and modern JavaScript.

Frameworks & Tools

Next.js(React.js), Entity Framework, Axios, Postman, Git/GitHub, Docker, Swagger, HTML, CSS, JavaScript, Redux, Redux Toolkit, Tailwind CSS, Bootstrap, DaisyUI, Chakra UI, ShadCN, Framer Motion, GSAP, jQuery, Astro, Axios, Firebase, TypeScript, MySQL, PostgreSQL, Python, Git, GitHub, VS Code, Figma

Languages & Databases

Java, C/C++, C#, JavaScript, Typescript, MySQL, PostgreSQL, Microsoft SQL Server,

Architecture & Design

Designed scalable frontend-focused full-stack systems using React component architecture, REST APIs, modern state management, and responsive UI principles

Projects

Organic-Products [🔗](#), [Github-Client-Side](#)

Tech Stack: React.js, TypeScript, Tailwind CSS, Framer Motion, GSAP, Axios, Firebase, React Router

- & Built a highly user-friendly organic products e-commerce website focusing on clean UI, responsive products, cart and checkout pages.
- & Implemented dynamic product listing, filtering, and smooth animation using React and Framer Motion.
- & Integrated secure routing and API interactions following scalable component structure.

DriveX Rc [🔗](#), [Github-Client-Side](#)

Tech Stack: TypeScript, React.js, Node.js, Tailwind CSS, Framer Motion,

- & Developed a responsive RC-car management interface using React.js and TypeScript with smooth UX across device.
- & Built modular, reusable components with state management via Redux and React Hooks.
- & Enhanced UI/UX with Framer Motion animations and followed clean, scalable frontend architecture best practices.

Heart Disease Prediction system [🔗](#), [Github-Client-Side](#)

- & Built a Machine Learning-based Heart Disease Prediction system using clinical health data.
 - & Tested multiple ML classifiers (LR, KNN, Decision Tree) on a dataset of 1,025 records to achieve reliable prediction performance.
- Integrated the best-performing model into an Android application for real-time heart disease risk assessment.

Grab-Gro - Full Stack [🔗](#), [Github-Client-Side](#)

Tech Stack: JavaScript, TypeScript, Nest.js, Next.js, PostgreSQL

- & Built a platform with JWT authentication and role-based access control. Implemented DTO-based validation using ValidationPipe and CORS middleware on both frontend and backend, ensuring data integrity and robust error handling.
- & Integrated Axios for authenticated API requests and utilized both CSR and SSR for optimized performance and SEO.

Extra-Curricular Activities

Team Lead, AIUB Tech Innovators– Developed campus organic products platform and food delivery solution.

