

# Fatin Ishraq Ahammed

Web Developer | Product Designer

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## EXPERIENCE

**Field Nation, Bangladesh** - *Support Coordinator, Software/Platform Team*

April 2024 - Present

- Provided UI/UX navigational support across FN web and mobile (iOS & Android) platforms, improving user satisfaction and adoption.
- Collaborated with the technical team to replicate user issues, clarify requirements, and document fixes for efficient resolutions.
- Delivered real-time support via Salesforce CRM, Zoom, and Omni Chat, maintaining high customer engagement.

**Bioforge Health Systems Ltd., Bangladesh** - *Junior Web Developer*

January 2023 - March 2024

- Developed front-end features for a hospital management system serving 9,000+ patients monthly.
- Implemented responsive UI using React, Material UI, and Recharts; tested and fixed production issues.
- Contributed 300+ commits to the project repository and collaborated effectively using GitHub.

**Bioforge Health Systems Ltd., Bangladesh** - *Junior Product Designer*

December 2020 - December 2022

- Researched and prototyped healthcare product designs following ISO compliance standards.
- Utilized Fusion 360 and Simplify3D for 3D modeling and rapid prototyping of medical device components.

## EDUCATION

**Independent University of Bangladesh** - *BSc. Computer Science*

(In Progress)

## PROJECTS

**IoT Based Sanitary Napkin Dispenser** - 2023

- Built a full-stack web app to control IoT-enabled dispensers, handling authentication and REST API integration using Supabase.

**BRAC Wash Project: IoT based Handwashing Station** - 2022

- Designed a modular, human-centric water station prototype to promote hygiene accessibility.

## SKILLS

**Technical:** ReactJS, JavaScript, HTML, CSS, SQL, PHP, C++, Java, Git

**Design & Modeling:** Fusion 360, Blender, TinkerCAD, Simplify3D, CURA

## CERTIFICATIONS | AWARDS

MIT Solve Award 2020 - Recognized for healthcare innovation with Bioforge Health Systems.

CCNA: Introduction to Networks

Responsive Web Design Certification - FreeCodeCamp

## PUBLICATIONS

Bioforge PTL: An IoT Enabled Rapidly Deployable Phototherapy Device for Neonatal Jaundice - IEEE Xplore (2022)

Synergistic Design and Analysis of a Multi-Tasking Robot Enabling Artificial Intelligence for Hazard Response - IEEE ICCAS (2023)

## LANGUAGES

English, Bengali