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TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, Dart, Flutter, HTML, CSS.
- **Database:** Firebase, MySQL, Mongo DB.
- **Operating System:** Windows, Linux, Unix.
- **Tools:** Github, Jenkins, JUnit, Jira.
- **Cloud Platforms:** AWS (Amazon Web Services).

EDUCATION

Master of Applied Computing

Sep 2022 - Present

University of Windsor, Windsor, ON

- Relevant course work: Advanced Software Engineering, Advanced Computing Concepts, Networking and Data Security.

Bachelor of Electrical and Computer Engineering

May 2015 - May 2020

North South University, Dhaka, Bangladesh

- Relevant course work: Database Management System, Operating System Design, Internet and Web Technology.

PROFESSIONAL EXPERIENCE

Intern, IT Department

Sep 2019 - Dec 2019

Monisho Ltd, Dhaka, Bangladesh

- Designed and developed websites using HTML, CSS, Bootstrap, PHP, MySQL.
- Troubleshooted and traced existing bugs in JIRA from website and implemented enhancements that significantly improved website's functionality.
- Designed an interactive website using Bootstrap and further worked on responsiveness of website.
- Collaborated with peers to further manipulate data to improve overall sales rate.

PUBLICATION

Development of Online Home Sharing Web Application

May 2020 - Jan 2021

Published in IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC), NV, USA, 2021

DOI: 10.1109/CCWC51732.2021.9375965

- Created a web-based application in a team of 4, using Bootstrap, HTML, CSS, MySQL, PHP for tourist places of Bangladesh to help travelers find affordable accommodations.
- Generated earning sources for people who have extra rooms to share with tourist and gathered user feedback to further analyze and improve the functionality of the website using iterative methods.
- Led a team to successfully develop a user-friendly and responsive website, while also undertaking documentation for the purpose of publishing it as a conference paper.

ACADEMIC PROJECTS

Swastha Health Monitoring System (Team Project)

Sep 2022 - Dec 2022

University of Windsor, Windsor, ON

Technologies: Flutter, Dart, Firestore, Google Fit

- Collaborated with 4 team members to develop a cross platform mobile app that allows user to monitor Heartbeat, Spo2, Step Count, Sleep Cycle, BMI, daily COVID 19 cases.
- Applied Flutter & Dart to make app usable in both Android and IOS system and implemented google authentication for user log in.
- Devised JIRA tickets and also documented each Sprint to enhance development and testing activities of team.

Smart Shop

May 2019 - Aug 2019

North South University, Dhaka, Bangladesh

Technologies: HTML, CSS, Bootstrap, PHP, MySQL

- Collaborated in a team of three to construct a website that enabled users to engage in the buying and selling of used products.
- Conducted peer code reviews to test the functionality of the website, troubleshooted and fixed identified bugs to enhance the performance.

Wedding Service Portal

Jan 2019 - Apr 2019

North South University, Dhaka, Bangladesh

Technologies: Bootstrap, HTML, CSS, PHP, MySQL

- Created a responsive website with Bootstrap to display all wedding related services into one place according to locations.
- Managed team progress, coordinated meeting schedules, and tracked due dates utilizing Jira.

ADDITIONAL TECHNICAL TRAINING

The NextGen CTO Program, University of Windsor

Nov 2022

- Acquired knowledge and good understanding of patents, copyrights, trademarks.

VOLUNTEER ACTIVITIES

Member

Sep 2015 - Apr 2017

Social Services Club, North South University, Dhaka, Bangladesh

- Coordinated, planned, and executed over 10 events annually in collaboration with club members, showcasing strong organizational and coordination abilities.
- Conducted weekly meetings to facilitate discussions, provide updates, and strategize for upcoming events.