SHOUVIK AHMED ANTU

sahmed@willamette.edu | 971-267-4315 | 900 State St f136, Willamette University

GitHub | Linkedin | Portfolio

EDUCATION

Willamette University   Salem, OR
Bachelors - Computer Science and Data Science   August 2022 - Present
Minor in Mathematics and Business Studies

EXPERIENCE

Willamette University | Web Developer Intern   Salem, OR | May 2023 - Present
- Troubleshooting and debugging existing code in PHP
- Documenting code, using version control software(GitHub, Bitbucket), and writing unit tests
- Manipulate SQL databases and automate pre-existing manual processes.

Willamette University | Web Production Assistant   Salem, OR | Oct 2022 - May 2023
- Update and build new web pages and review for quality assessment
- Troubleshoot & maintain a 15000 page website using CMS.
- Do Search Engine Optimization, provide customer service & manage new projects.

Willamette University | Resident Advisor   Salem, OR | Aug 2023 - Present
- Facilitate a growing community through need-based programming focused on social and educational development.
- Manage and cultivate a positive living space while utilizing mediation and conflict resolution skills
- Planned and implemented social and educational programs to a diverse student population.

BD Int'l School & College | School President   Dhaka, BD | Jan 2019 - Dec 2020
- Maintain school's overall discipline and honor code and resolve conflicts.
- Support community development and organize events for student engagement.
- Organize large-scale cultural and athletic events accommodating over 4,000 people.

SKILLS

Programming Languages:	Javascript, Python, PHP, PostgreSQL, Bash
Libraries/Frameworks:	ReactJS, NextJS, TailwindCSS, React Native, Bootstrap
Tools / Platforms:	Firebase, Adobe Suite, Jira, Wrike, Cascade CMS, Git & Github
Databases:	Firestore(Firebase), Relational DB(SQL)

PROJECTS / PUBLICATIONS

W-IMS | Link   *JavaScript, NextJS, Tailwind CSS, Firebase.*
- A simple tracking and management system for Willamette University's Intramural Program
- Hierarchical Design for Staff and students

Website Clone - Tesla | Link   *JavaScript, ReactJS, Tailwind CSS, Material UI*
- It's a clone of the original Tesla Website
- Transforming a design to a website.

Ongoing Projects | Link
- Cross Platform Citizen Science app using React Native
- Job recommendation app combining Machine learning and React Native
- Sentiment analysis of Product reviews
- Air quality prediction using Hybrid Model
- Mushroom Detection using Unsupervised Machine Learning

PUBLICATIONS & AWARDS

- **Paper:** Using LLM to Improve Efficiency in Literature Review for Undergraduate Research **Link**

- **Youth Exchange and Study (YES) Scholar** - Full scholarship to study academic year in the US

- **Student of the Year** - Bangladesh Intl' School & College - 2019