DWITRISHA SAHA

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EXPERIENCE

JAN 2021-PRESENT

IIT Madras, Project DIGI IITM

SOFTWARE ENGINEER INTERN
(TEAM LEAD FOR WEB DEVELOPMENT TEAM)

- Developed a web application for real-time seat booking using **JavaScript, HTML, CSS.**
- Designed backend using **Node.js** and **MongoDB**. **(GitHub: http://bitly.ws/bWU6)**

JAN 2020-PRESENT

Petavista Aquaculture

SOFTWARE ENGINEER INTERN

- Developed a web application using **HTML,CSS, JavaScript**.
- Visualized data from sensors using **Firebase** and **JavaScript**.
- The app helped **50+** fishermen understand optimum conditions for fish farming.
- Revamping using **React.js. (Website: https://petavistaaquaculture.in/)**

AUG 2020-PRESENT

Microsoft

MICROSOFT STUDENT AMBASSADOR

- Presented a Microsoft Reactor event on Microsoft Azure with Azure Cloud Advocates in collaboration with Carnegie Mellon University on LearnTV attended by **1000+** people live. **(Microsoft Developer Link: http://y2u.be/rsYPA6FvOEk)**
- Created a Learn path and demos for Azure Health Bot(Team Lead)

SELECTED PROJECTS

FRENZNITY - COMMUNICATION APP | REACT.JS, FIREBASE, REDUX 🔗

Developed a **CRUD-based** communication platform with the following functionalities: creating channels. posting messages etc. using React.js for frontend and Firebase for the backend. **(GitHub: https://github.com/Dwitrisha/Frenznity)**

SEARCHYN - WEB SEARCH APP | GOOGLE PSE API, REACT.JS, FIREBASE 🔗

Developed a web search application using Programmable Search Engine by Google, React.js for the frontend and Firebase for the backend. **(GitHub: https://github.com/Dwitrisha/Searchyn)**

VIDBITS - VIDEO SHARING APP | REACT.JS, FIREBASE

Video sharing web application with the following functionalities: liking, playing and pausing videos using React.js for frontend and Firebase for the backend. **(GitHub: https://github.com/Dwitrisha/VidBits)**

APPOINTMENT SYSTEM | GOOGLE APPS SCRIPT, PHP, JAVASCRIPT, MYSQL

- Developed an appointment system using PHP and stored the appointments using MySQL.
- Used Google Apps Script to store appointments and send reminder emails using Logic Apps.

SKILLS

LANGUAGES: JAVA, C++, JAVASCRIPT, PYTHON
LIB/FRAMEWORKS: NODE.JS, REACT.JS
PLATFORM: MICROSOFT AZURE
DATABASES: MONGODB, SQL, CLOUD DATABASES

ACHIEVEMENTS

MICROSOFT IMAGINE CUP 2021 SEMI-FINALIST WINNER, MASSACHUSETTS INSTITUTE OF TECHNOLOGY COVID-19 CHALLENGE

CERTIFICATIONS: AZURE AI FUNDAMENTALS (AI-900)
AZURE DATA FUNDAMENTALS (DP-900)
AZURE FUNDAMENTALS (AZ-900)