BOBBY DHANOOLAL

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EDUCATION

BS Computer Science | Rochester Institute of Technology 📅 2021-2026

EXPERIENCE

Software Engineering Co Op | Codonics 📅 May 2023 - Present

- Performed bug fixes and troubleshooting to identify and resolve issues in the Safe Label System and its Administration Tool
- Collaborated with team members to conduct a rigorous testing workflow that ensures no bugs make it into production builds

Java Bash Linux Groovy C JavaScript HTML Spring

Web & Email Technologist | RIT Univ. Advancement 📅 Jan - Dec 2022

- Performed development tasks and content updates to the Alumni and Giving websites using Drupal.
- Used Email Portal Requests given by other team members to create and process communication emails and email lists.

Drupal HTML CSS Blackbaud Airtable

Software Engineering Intern | IBM 📅 Jun - Aug 2022

- Built REST services for a back end project using express
- Built a front-end application in react utilizing back end services
- Developed unit tests for project code for front end and back end services
- Built front end web application leveraging HTML, CSS, React and material UI

React HTML CSS Javascript Express

PROJECTS

LINT | Bobbykdhan/LINT

- Developed a user friendly reporting system utilized for maintenance issues for RIT residence.

Flask Python HTML OpenShift Docker Selenium

AutoOrder-API | Bobbykdhan/AutoOrder-API

- Built services following a REST model for my previous project AutoOrder
- Allows users to order food using HTTP requests instead of the command-line
- Fully containerized using Docker

Python FastAPI Imgur-API Docker OpenShift Selenium

Tiger Pay | Bobbykdhan/TigerPay

- Created a mobile app that allowed RIT students to onboard their Tiger Pay card on to their Apple Wallet

Swift Python FastAPI MySQL Beautiful Soup OpenShift

LANGUAGES

Java Python JavaScript
Swift CSS Apple Script
Bash C LaTeX MySQL
Assembly MIPS HTML

FRAMEWORKS

React Drupal Selenium
React Native Playwright

LIBRARIES

Pandas Numpy Express
Tensorflow

TECHNOLOGIES

Square Stripe Unreal Engine
Unity Engine Web Automation
Docker OpenShift

ACTIVITIES

Computer Science House | 🌐 csh.rit.edu

- Media PC Admin - Maintains and improves the infrastructure of special rooms
- Special Interest Group of Computer Science, Computer Security and other technical students.
- Weekly educational seminars and social events

AWARDS

IBM Software Developer Badge | 🌐 Credly.com

Awarded to those who demonstrate a deep understanding and skills in the following programming competencies:
- Data Structures and Algorithms
- Front End and Back End Development Fundamentals
- Versioning
- Application Security
- Project Management