

Sachin Tiwary

196 Englewood Avenue, Buffalo, NY 14214

sachinti@buffalo.edu

+1 (716) 903 3938

SUMMARY

I have gained a good knowledge on web development as well as on complete SDLC process while being part of Wells Fargo and want to hone my skills on the emerging technologies.

EXPERIENCE

- July 2017 - July 2021 **WELLS FARGO INDIA SOLUTIONS**
Apps Programmer (Software Engineer)
- Developed and maintained the UI of a portal to onboard applications to CI/CD stack of the organization using React based libraries like Redux and ImmutableJS.
 - Developed the UI of an admin tool (which can give or revoke employees' access to Github based on completion of their assigned mandatory trainings) using Angular and Material UI
 - Coordinated monthly application releases of the team as a Release Team Lead.
 - Developed python and powershell scripts for DevOps automation and monitoring.

EDUCATION

- Aug 2020 – Present **Master of Science in Computer Science and Engineering**
UNIVERSITY AT BUFFALO, SUNY | BUFFALO, NY
CGPA: 3.668/4
- June 2013 – May 2017 **Bachelor of Technology in Computer Science and Engineering**
VELLORE INSTITUTE OF TECHNOLOGY | TAMIL NADU, INDIA
CGPA: 8.23/10

SKILLS

- Programming Languages: React, Angular, Python, Java, C, C++, HTML, CSS
- Git, Github
- AWS
- MongoDB
- Open source CI/CD stack: Jenkins, Aritfactory, UDeploy
- MS Office tools: Excel, Powerpoint

PROJECTS

- Trash Collector Robot – A fully automated robot that detects garbage using image processing and ultrasonic sensors and puts it into a trash can using actuators driven by servos.
- Brainwave Controlled Wheelchair – A battery powered wheelchair controlled using brainwave headset and eyeball tracker.
- Android News Reader App – An android based news feed app made on Android Studio (Java)
- Twitter Sentiment Analysis – The program takes live tweets and checks its sentiment based on the training data provided
- Animatronic Hand — A robotic hand that imitates hand of the user wearing flex sensor woven gloves.
- Brainwave controlled Animatronic Hand — A robotic hand whose clutches are controlled by the intensity of user's attention brainwaves.
- Emotion Detection for E-commerce — Facial emotion recognition for customers to recommend them products
- Online medical shop — An e-commerce website for medicines on PHP/MySQL.

ACTIVITIES

- Volunteer for Cloud Expo 2018 at Wells Fargo, Bangalore
- Organizer for CI/CD Roadshow 2019 at Wells Fargo, Bangalore
- Organizer for Android Amaze 2016 (An android app development competition that saw record number of participation)
- VIT Hockey team player, 2014-2016.
- Runner-up for FIFA 14 gaming tournament during GRAVITAS '14 at VIT
- Attended windows phone app development and Azure cloud computing workshop organized by 3x3 Connect in the year 2015 at VIT.