Sanket Jain

Jersey City, NJ 07307| sjain41@stevens.edu
https://www.linkedin.com/in/sanket-jain-415a606a/ | https://github.com/MrJay37 | https://sanketjain.me/

OBJECTIVE

Looking for full time opportunities in front-end/full stack software development

EDUCATION

Stevens Institute of Technology, Hoboken, NJ — Aug 2019 - Dec 2020
Master of Science in Computer Engineering**:** GPA: 3.75/4

Dwarkadas J Sanghvi College of Engineering, Mumbai, India — Aug 2014 - May 2018
Bachelor of Engineering in Electronics and Telecommunication

SKILLS

Programming: C, C++, JavaScript, TypeScript, Python
Web and Networking: HTML/CSS, Sass, React, Node, Express, Gatsby HTTPS, Rest API, GraphQL, Jest, Enzyme, SQL
OS: Windows, Linux (Ubuntu, Raspbian, WSL)
Tools: Google App Engine, Firebase, AWS, Git, JIRA, Real Time Operating Systems (RTOS)
Hardware/Electronics: Microcontrollers (AVR, STM, TI), Arduino, Raspberry Pi, SPI, I2C, UART, USB, Bluetooth, Wi-Fi

EXPERIENCE

Contentstack – Front-End Development Intern — June 2020 - Present
- Working on UI development for a content management system product
- Creating reusable functional components and page wrappers in HTML and ReactJS
- Connecting front-end to back end with Rest API and state-management using Redux
- Writing test cases for JS code utilizing tools such as Jest and Enzyme
- Maintaining project version control on Git and GitHub and tracking project progress and objectives on JIRA

Stevens Institute of Technology – Research Assistant — Aug 2019 – May 2020
- Collaborated with senior PhD student on research in object localization and robotics
- Worked on embedded systems applications involving RF, I2C, UART, Bluetooth and IoT protocols such as REST and MQTT
- Prepared plans of actions to go about project stages and paper presentations
- Kept track of project development, team contributions, inventory of projects and documentation

Acuradyne Medical Systems – Embedded Systems Engineering Intern — Dec 2018 - May 2019
- Researched and studied applications of electronics and embedded systems in healthcare
- Generated circuits diagrams and firmware code for Atmel AVR microcontroller-based devices
- Produced digital system processing implementation on TI ARM microprocessor boards installed with biological sensors

PROJECTS

Portfolio Website - https://sanketjain.me/ — Oct 2020
- Built a multipage portfolio website elaborating on professional work profile
- Added interactive and animated components produced in ReactJS and CSS in JavaScript
- Set up a contact form for users by making use of Firebase's Realtime Database and email notification functions

Fonebooc - https://fonebooc.sanketjain.me/ — June 2020
- Engineered a contacts management web application in HTML, ReactJS & Redux
- Implemented authorization, access control and database with Google Firebase's using Rest API
- Designed user interface with Bootstrap and Sass

Smart Kitchen Smoke Detector (DragonHacks 2020) — Feb 2020
- Configured Arduinos to push data to network through HTTP requests
- Created a web application on Google App Engine with JavaScript to accept incoming HTTP requests
- Programmed app to normalize data received from data and push data to a Google Sheet with timestamps for logging

Robot Arm (Stevens Institute of Technology) — Jan 2020 (ongoing)
- Experimenting on Trossen Robotics robot arm with Robot Operating System on Ubuntu based OS on NVIDIA Jetson Nano
- Controlling robot arm through voice control established with Google Speech-To-Text API
- Interfacing devices such as LiDAR and camera module to provide computer vision

ACHIEVEMENTS AND CERTIFICATES

- Won at DragonHacks 2020 Hackathon: Second Place (Silver Medal), MLH – Best use of Google Cloud, Best Hardware Hack
- Finished Udemy's AWS Certified Cloud Practitioner Course
- Published technical paper in tech magazine DJ SPARK 2018; ISBN: 978-93-86724-75-5

AVAILABLE FEB 2021