SAHIL VERMA
8020 5th Ave Brooklyn, NY – 11209
347-257-9187 | sv1727@nyu.edu
github.com/sahilverma2209 | linkedin.com/in/sahil-verma-957130106

EDUCATION:

MS, Computer Science   **May 2020**
    NEW YORK UNIVERSITY TANDON SCHOOL OF ENGINEERING   CGPA: 3.22

B. Tech, Computer Science and Engineering   **2014-2018**
    VELLORE INSTITUTE OF TECHNOLOGY, INDIA   CGPA: 8.37/10

TECHNICAL SKILLS:

Languages	**Back-end Development**	**Cloud & Deployment:**
C, C++, JavaScript (ES6), Python	Node.js, PHP, Django	AWS, Docker, Kubernetes, Continuous Integration, Heroku
Front-end & Mobile Development	**Database**	**Version Control:**
HTML, CSS, React.js, Redux, Bootstrap, jQuery, Reach Native	SQL, Firebase, Mongoose, DynamoDB	GitHub

EXPERIENCE:

NYU IT – Student Tech Innovation Team – Senior Student Developer   **Oct 2018 - Present**
- Responsible for designing and building web applications within the portfolio of NYU STIT
- Develop and maintain campus-wide web applications, manage project progress, coordinate with other student developers. Technologies used include -HTML/CSS/JavaScript/React/Redux/Git
- Current Project: Events Check-in (eventscheckin.nyu.edu)
  A web application extensively used by NYU students and staff to collect check-in's for various events held by different clubs and organizations. 200,000 + check-ins collected during Fall 2018 - 2019

Alisté Technologies Pvt. Ltd. – New Product Engineer – *1y 6 mos*   **Dec 2016 – May 2018**
- Developed a home automation IOT project for an India based startup. It involved a NodeJS server hosted on AWS EB and used AWS Cognito for user authentication. The server handled HTTP and socket (socket.io) requests.
- Used MongoDB for saving user data generated through the mobile application.
- Worked on Node MCU (esp8266) module and wrote a C program to connect it to the server and handle requests coming from a mobile application to switch a device ON or OFF.

National Informatics Center, Delhi – Intern – *1 mos*   **Jun 2017**
- Contributed to an ongoing utility mapping project. Implemented 'Layer Swipe' feature via the JavaScript API of ArcGIS software. Also, worked on Calcite maps (a Bootstrap theme by ESRI) for front-end design

Circuitstock.com – Head of Web Development – *6 mos*   **Jun 2016 – Dec 2016**
- Worked as head of Web Development at Circuitstock. Developed a web application for purchase of electronic components. Used Facebook API and PHP SDK 5.0 for user authentication.
- Implemented a loyalty point system which enabled a registered user to obtain points after a purchase and use these points to avail discounts on subsequent orders.

PROJECTS & TECHNOLOGICAL EXPERIENCE:

Front-end projects (React + Redux)
- Developing and maintaining the company website for:
  - Alisté Technologies Pvt. Ltd. – alistetechnologies.com   **Oct 2018 – Present**
  - Venus Hotelware Pvt. Ltd - venushotelware.com   **Sep 2018 - Present**
- Yelp Event Search with yelp fusion API - goo.gl/DjQDU2   **Sep 2018**
- GitHub Repository search and filter - goo.gl/oMaBFa   **May 2018**

Back-end projects (NodeJS, Express.js, Passport.js, Rest API, Mongoose)
- **Backend Server** - murmuring-oasis-26966.herokuapp.com   **Oct 2018**
  Developed a backend server using Express for routing, PassportJS for user authentication and a HTTP client for fetching nearby events from a 3rd party API based on user preferences

Other Web Projects (HTML, CSS, JavaScript)
- Implemented pagination using vanilla JavaScript and Require.js file loader - goo.gl/PNzAy9   **Nov 2017**
- Developed a website for Adi Developers, India - adidevelopers.in   **Feb – March 2017**
- Developed a website for AMVUK Tech Pvt. Ltd - goo.gl/QYq3Ma   **Jan 2017**