**SAHIL VERMA**

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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

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| --- | --- | --- |
| **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 |

TECHNICAL SKILLS:

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](http://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 5.0for 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](http://www.alistetechnologies.com/) **Oct 2018 – Present**
  + Venus Hotelware Pvt. Ltd - [venushotelware.com](http://www.venushotelware.com/) **Sep 2018 - Present**
* Yelp Event Search with yelp fusion API - [goo.gl/DjQDU2](https://goo.gl/DjQDU2) **Sep 2018**
* GitHub Repository search and filter - [goo.gl/oMaBFa](https://goo.gl/oMaBFa) **May 2018**

**Back-end projects (NodeJS, Express.js, Passport.js, Rest API, Mongoose)**

* **Backend Server** - [murmuring-oasis-26966.herokuapp.com](https://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](https://goo.gl/PNzAy9) **Nov 2017**
* Developed a website for Adi Developers, India - [adidevelopers.in](http://www.adidevelopers.in/) **Feb – March 2017**
* Developed a website for AMVUK Tech Pvt. Ltd - [goo.gl/QYq3Ma](https://goo.gl/QYq3Ma) **Jan 2017**