

## EMPLOYMENT

|   |                        |                               |
|---|------------------------|-------------------------------|
| <b>Project Trainee, Intern</b>  | <b>Einfochips</b>      | <b>Jan 2020</b>               |
| Wi-Fi Firmware  |                        |                               |
| <ul style="list-style-type: none"><li>• Implemented UART serial menu for Wifi module(SAMD21).</li><li>• Implemented wifi api wrapper and sock communication mechanism.</li><li>• Implemented AP mode for provisioning, ST mode for Notifications, ST mode for Remote commands.</li><li>• Designed packet format and implemented packet format array for communication between ST8 and wifi module(SAMd21) using I2C communication channel.</li><li>• Designed flash memory structure for wifi module(SAMD21).</li></ul> |                        |                               |
| <b>Web Developer, Intern</b>  | <b>IIFYSoftware</b>    | <b>June 2019 – Aug 2019</b>   |
| E-Learning Website  |                        |                               |
| <ul style="list-style-type: none"><li>• Created sitemap, website UI wireframe, ER diagram for database.</li><li>• Implemented the UI for the user login, register, landing page, about page, videos, notes and CMS for the admin.</li><li>• Implemented backend and its connectivity with the UI.</li></ul>   |                        |                               |
| <b>Web Developer, Intern</b>  | <b>WeddingsOnly.in</b> | <b>March 2019 - June 2019</b> |
| E-Commerce Website(WeddingsOnly.in)   |                        |                               |
| <ul style="list-style-type: none"><li>• Drafted the revamped design of the old website and prepared the sitemap for the drafted design.</li><li>• Worked on project management tools and prepared report on bugs and improvements in the old website.</li></ul>   |                        |                               |

## EDUCATION

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|--|----------------------------------|-------------|
| <b>Jaipur, Rajasthan</b>   | <b>Manipal University Jaipur</b> | <b>2020</b> |
| <ul style="list-style-type: none"><li>• B.Tech in Information Technology CGPA: 7.52</li><li>• Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages;</li></ul> |                                  |             |
| <b>Kota, Rajasthan</b>   | <b>Guru Nanak Public School</b>  | <b>2016</b> |
| <ul style="list-style-type: none"><li>• All India Senior School Certificate Examination, Major in Physics, Chemistry, Percentage: 67.40</li></ul>  |                                  |             |
| <b>Bhagalpur, Bihar</b>  | <b>Delhi Public School</b>       | <b>2013</b> |
| <ul style="list-style-type: none"><li>• All India Secondary School Examination, CGPA: 9.6</li></ul>  |                                  |             |

## TECHNICAL EXPERIENCE

### Projects

- **Steganography Tool** (Nov, 2019). GUI Application that allows the user to hide confidential information inside an image and send it over email using the tool. Python
- **E-Learning Web App** (Jan - May, 2019). Electronic classroom prototype where users have access to notes, videos, chat based doubt support system and CMS for admin to manage content. HTML, CSS, Js, NodeJs, EJS, ExpressJs, Bootstrap, Mysql
- **XMI to Pseudo Code Converter Tool** (Feb - Apr, 2018). Converter that converts a sequence diagram(with .xmi format)into pseudo code, identifies all the properties of the sequence diagram and generates control flow graph. Python, Visual Paradigm, UML
- **Chat Application** (Sep - Nov, 2017). CLI based chat app which allows multiple users to connect in LAN. C
- **Quiz Application** (Jan - Mar, 2016). Quiz game where the user answers questions for a number of coins as rewards and highest score and along with the name of the scorer is stored using a file management system. C.

## LANGUAGES AND TECHNOLOGIES

- C++; C; Python; ReactJs; HTML; CSS; JavaScript; Bootstrap; NodeJs; ExpressJs; EJS;
- Git; Firebase; Git; Trello; Mockflow; Atmel Studio; Visual Paradigm(UML); VS Code;

