

## EMPLOYMENT

<b>Project Trainee</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 socket 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</b>	<b>IIYSoftware</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 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</b>	<b>WeddingsOnly.in</b>	<b>March 2019 - June 2019</b>
E-Commerce Website( <a href="#">WeddingsOnly.in</a> )		
<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

<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, Maths. 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 [source code](#)
- 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, Wireframe, Visual Paradigm [source code](#)
- 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 [source code](#)
- 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 [source code](#)

## LANGUAGES AND TECHNOLOGIES

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