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**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 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, 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 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>		

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**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>		

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**TECHNICAL EXPERIENCE**

<b>Projects</b>
<ul style="list-style-type: none"><li>• <b>Steganography Tool</b> (Nov, 2019). GUI Application that allows the user to hide confidential information inside an image and send it over email using the tool. Python</li><li>• <b>E-Learning Web App</b> (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</li><li>• <b>XMI to Pseudo Code Converter Tool</b> (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</li><li>• <b>Chat Application</b> (Sep - Nov, 2017). CLI based chat app which allows multiple users to connect in LAN. C</li><li>• <b>Quiz Application</b> (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</li></ul>

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**LANGUAGES AND TECHNOLOGIES**

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