404, Eden N, Godrej Garden City
Ahmedabad 382470

KUMAR SHUBHRANSHU

(+91) 7568-9222-952
shubhranshu14@gmail.com
kshubhranshu.github.io

EMPLOYMENT

Project Trainee, Intern	**Einfochips**	**Jan 2020**

Wi-Fi Firmware
- Implemented UART serial menu for Wifi module(SAMD21).
- Implemented wifi api wrapper and sock communication mechanism.
- Implemented AP mode for provisioning, ST mode for Notifications, ST mode for Remote commands.
- Designed packet format and implemented packet format array for communication between ST8 and wifi module(SAMd21) using I2C communication channel.
- Designed flash memory structure for wifi module(SAMD21).

Web Developer, Intern	**IIYSoftware**	**June 2019 – Aug 2019**

E-Learning Website
- Created sitemap, website UI wireframe, ER diagram for database.
- Implemented the UI for the user login, register, landing page, about page, videos, notes and CMS for the admin.
- Implemented backend and its connectivity with the UI.

Web Developer, Intern	**WeddingsOnly.in**	**March 2019 - June 2019**

E-Commerce Website(WeddingsOnly.in)
- Drafted the revamped design of the old website and prepared the sitemap for the drafted design.
- Worked on project management tools and prepared report on bugs and improvements in the old website.

EDUCATION

Jaipur, Rajasthan	**Manipal University Jaipur**	**2020**

- B.Tech in Information Technology CGPA: 7.52
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages;

Kota, Rajasthan	**Guru Nanak Public School**	**2016**

- All India Senior School Certificate Examination, Major in Physics, Chemistry, Percentage: 67.40

Bhagalpur, Bihar	**Delhi Public School**	**2013**

- All India Secondary School Examination, CGPA: 9.6

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;