Naveen Kumar R N

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Objective

* To obtain an opportunity to work with a passionate team to solve real world problems through programming and also to learn a lot in the process

Education

* **Sri Venkateswara College of Engineering**, Sriperumbudur
* Bachelor of Electronics and Communication Engineering
* Batch of 2014-2018
* CGPA: 7.8
* **Zion Matriculation School**, Tambaram
* Graduated in 2014
* Percentage: 95%
* Ranked in **top 15%** in class

Intern, Implant and Projects

* Smart Room- A home automation project implemented with **Arduino using Bluetooth** module
* Interfaced with **atmega328** microcontroller using Arduino IDE programmed with **C++**
* Established a wireless connection between the microcontroller and switch connection of the house using the Bluetooth module **hc-05**
* Controlling the various switches using an **android based mobile app** connected to the Bluetooth module
* Currently **Interning at Hischip Technologies**, Chennai
  + Area of intern includes **Web development and Content Writing**
  + Platform of intern includes PHP, HTML/CSS, JAVASCRIPT, BOOTSTRAP, Framework7
* Undertook an **implant training program** at **Airport Authority of India (AAI), Chennai.**
  + Various Communication Systems used for transmitting and receiving high end encrypted messages within the flight control room and the aircrafts were explained briefly with real time scenarios
  + Electronics involved in securing the Airport premises were briefly categorized and explained theoretically and a practical walkthrough was given
* Worked on a high school project to create a **virtual OS** to save text files using **C++**

Skills

* **Software:** MS Office (Word, Excel, PowerPoint)
* **Programming IDEs:** Turbo C, Eclipse, Octave, Matlab
* **Programming Languages:**
  + C, C++, Java, PHP, HTML, CSS, MySQL, jQuery, React JS, Matlab Programming
  + Basics of JavaScript, Android

Courses Mastered

* Completed **Cryptography** course, taught by **Stanford University** with **92.7%** grade, via Coursera
* Encryption and Decryption of data over digital medium was discussed
* Concepts of Block Ciphers, Message Integrity, AE, Public Key Encryption were explained in detail
* Currently undertaking course on **Machine** **Learning**, taught by **Stanford University**, via Coursera
* Undertook **Introduction to Modern Application Development** course conducted by **IIT-M** and **Hasura**
* Fundamental concepts of Web Apps were discussed
* Client-Server-Database interactions were explained in detail
* Introduced to Server side coding with JS, HTML, CSS, JSON, jQuery
* DBMS management was significantly explained along with MySQL
* Completed a preparatory course for CCNA, **Cisco Based Routing and Switching Certification** with **NetworkGeek**
* Very well introduced to OSI model, IPs, Subnetting, cisco router configuration and various routing protocols
* Ethical hacking topics relating to network security were also covered

Workshops and Events

* Attended workshops on
  + **IoT**, conducted by Thoughtworks, Ascendas
  + **ReactJS** organized by OrangeScape, Tidel Park
  + **Angular JS 2** organized by Ajira Technologies
* Regular attendee of Geek-Nights and events organized by the Chennai Geeks Club.

Positions of Responsibility

* Organized an event on **Paper Presentation** in Upagraha’17, a national level symposium
  + Acted as a preliminary judge for a huge number of Technical Papers and selecting the best and desired ones to qualify for the finals
  + The event was announced as a huge success in the whole symposium
* Worked as a co-organizer for the event **Let’s C** in the same symposium
  + Designed competitive set of question to maintain a healthy event

Interests

* **Professional**
  + Computer Networks
  + Big Data Analytics
  + Programming/Coding
* **Generic**
  + Watching Football
  + Fantasy Sports
  + Blogging
  + Learning of newer languages to improve web development skills