+91 9666704424   **S ARTHAK A GRAWAL**   4sarthakagrawal@gmail.com

EMPLOYMENT

Software Engineer   **ShoreTel**   **July 2015-Current**

ShoreTel is a leading provider of cloud, onsite, and hybrid business telephony and unified communications (UC) solutions.

- Migration of ShoreTel Sky's integration with Bullhorn from Soap web services to RESTful APIs
- Implemented OAuth2 based verification and created data models to parse JSON response in C#
- Setup IIS server for unit testing.

Connect Client is the windows/mac and web based client used to make calls, create/attend conferences, chat/IM

- Feature implementation for mac/windows based Connect Client using node-webkit, canjs, jquery and stealjs. Also involved in continuous bug-fixing.

ASIC Design Engineer,Intern   **Nvidia Graphics**   **July 2014-Dec 2014**

Nvidia produces Tegra mobile processors for smartphones and tablets, as well as for vehicle navigation and entertainment systems

- Worked as System level Design verification engineering intern at NVIDIA's mobile processorTegra team
- Reviewed specifications, developed attributes, block/full chip tests, triage of failures, tracked bugs and analyzed coverage
- Worked closely with design and IP teams to report bugs in design and improve micro-architecture
- Ownership of single/multiple IP's and responsible for complete verification flow from test plan development to coverage closure, worked on IO blocks PWM and TACH

PROJECTS

• Association rule mining on a nursery school dataset to find patterns in admission criteria (2015)
• Design and implementation (in Verilog) of data path and control unit for a single cycle MIPS like processor (2014)
• Development & Implementation of MAC layer protocols for a Wireless Body Area Network(2013)

EDUCATION

Birla Institute of Technology and Science, Pilani - Hyderabad Campus (2011-2015)

- B.E.(Hons) in Electrical and Electronics, GPA : 7.69
- Undergraduate Coursework: Computer Architecture , Digital Image Processing, Microprocessors and Interphasing, Effective Public Speaking, Theatre Arts, Acting and Production

Bonnie Foi Co-Ed Higher Secondary School,Bhopal **(XII - 84.2%)**

Happy Days School, Shivpuri **(X – 94.5%)**

SKILLS

- **Programing Language:** Java, C, Python ,C#, Verilog, Matlab
- **Web Technologies:**, Django ,HTML, CSS, NodeJS, CanJS, jQuery

ACHIEVEMENTS AND HOBBIES

- **Team Lead, Communications team, BITS Embryo** : Conducted Aspire Talks (2013-2014) and Atmos Conclave(2013-2014) and various other talks including a talk by Kiran Bedi, throughout the year
- **Member of Photography Club (August 2012 – 2013)**: Covered various events during different college festivals
- **Member of Automation And Robotics Club** : Conducted basic electronics workshops, organized events during ATMOS(technical festival)
- **Hobbies :** Badminton and Reading