B.Tech, Fourth Year
Computer Science and Engineering
Indian Institute of Technology Patna

SHASHANK SINGH

Contact: +91-8676903183
shashank.iitp@gmail.com
http://lnkd.in/bj7Zf4a

EDUCATION

EXAMINATION	INSTITUTE	YEAR	CPI/PERCENTAGE
GRADUATION	INDIAN INSTITUTE OF TECHNOLOGY PATNA	2016	8.77 /10
INTERMEDIATE	LUCKNOW PUBLIC SCHOOL, CBSE BOARD	2011	91.4 %
MATRICULATION	LUCKNOW PUBLIC SCHOOL, CBSE BOARD	2009	94.4 %

WORK EXPERIENCE

Research Assistant, Intern   Telecommunications Research Centre, Trinity College Dublin   May 2015-July 2015
- Designed and developed a Web Portal for testing network integration with Network Orchestrator and Network Controller.
- Successfully streamed 1k videos over the network and 4k videos with minor lags.
- Wrote the entire test cases and ensured 100 % reliability in streaming of 1k videos.
- Debugged and improved performance of already existing codes leading to 50 % better test results.

PROJECTS

Android Based Email client application   https://github.com/shashanks2/Webmail   Oct 2014- Nov 2014
- Developed an email client for webmail of IIT Patna using SMTP and IMAP protocols via JavaMail API.
- Application featured user friendly UI and basic email client features like composing, receiving, deleting, flagging, forwarding emails, sending /downloading attachments, notifications of new unread emails etc.
- Made the application compatible with other email accounts like Gmail.

JAVA BASED CHAT APPLICATION   FEB 2015-MAR 2015
- Developed a Chat Client and User Authentication Server using Socket Programming via JAVA APIs.
- Added support for friend lists, group chats and simultaneous chats using Multithreading JAVA APIs.

ANDROID BASED RURAL SURVEY APPLICATION   May 2014
- Developed an android application, which took surveys in local languages regarding problems faced by community, and communicated the results to the server using JSON.
- Added support for Hindi Language and audio translation for the questions, which increased its reachability by 80%.

Positions Of Responsibility

Sub Coordinator, Media and Public Relations, Anwesha '14 & Anwesha '13   2012-2014
- Part of the core committee of Anwesha, the annual techno-cultural fest of IIT Patna.
- Expanded the reach of fest outside the state and managed to increase footfall by 100 %.
- Negotiated with media partners like 'The Telegraph' and supervised the media coverage of the fest.

Sub-Coordinator, Startups Division, Entrepreneurship Club, IIT Patna   2013-2014
- Lead a team of volunteers and established contacts with budding startups in India.
- Organized 'Entrepreneur's week' which included guest lectures, workshops and interaction with eminent personalities like Mr. Arjun Malhotra, Co founder, HCL and Mr Vikram Nikkam, Co founder, Unicoin.

Languages and Technologies

- C, JAVA, HTML, CSS, JavaScript (Prior Experience), SQL (Prior Experience).
- Android Studio, Eclipse, NetBeans, Git.

Achievements / Extra Curricular Activities

· Winner of Debate Competition organized by IIT Patna (2012).
· Runner up in ad making competition organized by CIMP (2013).
· Awarded Certificate of Merit (Nation's Top 0.1%) in Social Science in Matriculation examination, CBSE.
· Basketball player, part of the winning team of IIT Patna at Basketball tournament organized at city level by CNLU.