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TARUN BANSAL

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SUMMARY

Full stack developer, young graduate and star all-rounder programmer. Looking for an opportunity to work at an ideal startup.

EDUCATION

Examination	Year	Board/Univ.	Percentage
A.I.S.S.E.	2007	C.B.S.E (Xth)	90.4%
A.I.S.S.C.E.	2009	C.B.S.E (XIIth)	84.6 %
B.Tech (CSE)	2010-2014	VITU	8.43 CGPA

EXPERIENCE

Software Engineer, Intern **SIEMENS PLM** June-July 2012

- Underwent training in Rulestream architect and Rulestream engineer. Using these skills and Visual Basic knowledge successful in creating release models for the industry.
- Worked on Solidedge product update and implementations.

Project Trainee, Member of **ZOHO CORPORATION** Jan 2014-Present
Technical Staff (from April)

- Part of Zoho Corp's site24x7 server monitoring team. Zoho is one of the leading product based companies of India with a wide array of products ranging from infrastructure monitoring tools like Site24x7 to a full online office suite.
- Underwent internship for 3 months. Working as a full time employee since completing internship in April 2014.
- Core member of the Server Monitoring-Linux Agent development team at Site24x7.

Key Projects :

1. Developed a big data platform that helps Site24x7 server monitoring users push any custom metrics that they feel is useful for their IT on to the Site24x7 Cloud platform in a scalable manner. Currently in QA, project to be released by first quarter of 2015.
2. Resource Monitoring – Users could now monitor availability and response time of internal resources like ports and URL's. Released in October 2014.
3. Syslog Monitoring – An important aspect in performance up-keeping of any server is being up to date about any special events occurring. Linux kernel keeps record of all such events in the form of syslogs. Enabled linux syslog monitoring. Released in October 2014
4. IPV6 support enabled in network data. Using ctypes library for python able to fetch IPV6 details for each network interface. An important requirement for network infrastructure monitoring in the future as IPV4 addresses have stopped being issued. To be released soon after QA and server side changes.

PROJECTS

HTML5, GEOLOCATION API **WEB PORTAL FOR NGO** 2012, VIT UNIVERSITY

- Developed a location based suggestion system for NGO, Disable People Centres, Old age homes etc. Displayed the information about such nearby places for any visitor.
- Implementation and testing of the modules done by a web interface developed using HTML5, CSS3, JQuery, Geolocation API.

PUBLICATIONS

Graph theory, Shortest Path Algorithm. **INTELLIGENT TRAFFIC MANAGEMENT SYSTEM** 2013, VIT University

- Using traffic data and the distance between any two nodes suggested an optimized shortest path.
- Research paper presented at ICACCI-SRS 2013 cosponsored by **IEEE communication society**. The paper published in the proceedings of the conference by a leading research publication.

COMPUTER SKILLS

- Languages: Python, Java, C, Shell, AWK, PHP, HTML, CSS.
- Software Expertise: Bash programming, Eclipse, HG, Git, Dev Ops, Web Development Suite (HTML, CSS, JS, JQuery).
- Databases and Cache storage : MySQL, Apache Cassandra, MongoDB, Redis and Memcache.
- Operating Systems: **Unix** : OSX, Linux(CentOS, RedHat, Ubuntu), FreeBSD. Android, Windows 8/7.
- Advanced courses: Intro to Artificial Intelligence, Image Processing, Data Warehousing and Mining, Project Management.

ACHIEVMENTS

- Scored highest marks in English in class Xth at school level.
- Merit based scholarship for the year 2007-2009.

HOBBIES & EXTRA CURRICULAR

- Travelling: Have visited many places across the country and abroad. Love to travel and explore new places.
- Reading: Enjoy reading books mostly fiction.
- Sports: Passionately follow and play football and cricket.
- Open source contribution for Teammates project of National University of Singapore.
- Attended **Hackfest 2013 at IIT Madras**. Learned a lot about open source development, successful in writing a script for WIKIMEDIA foundation.
- Active member at **Linux User Group- VIT University**.
- Relish programming challenges and actively participate in various programming competitions. Codechef id: tb2791 and Hackerrank id: tarun365.