PALAK ARORA

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EDUCATION

Master of Science, Computer Science (GPA 3.1)
New York University – Tandon School of Engineering, New York   May'2017
Coursework: Cloud Computing, Computer Networks, Database, Operating Systems

Bachelor of Engineering, Information Technology (GPA 7.49/10)
Shri Vaishnav Institute of Technology, Indore, India   May'2015

TECHNICAL SKILLS

Languages and Frameworks: C, C++, Java, PHP, CSS, HTML Scheme, Prolog
Databases and Operating Systems: SQLite, Oracle 10g, SQL Server 2005/2008, MS Access,
Tools & IDEs: Eclipse, NetBeans, Notepad++, Wireshark, Oracle APEX
Platforms & Cloud Applications: Amazon EC2, VMware, Salesforce1
Office Business Tools: MS Office, MS Project, IBM Rational Rose

EXPERIENCE

IT Technologist Intern, *New York University*, NY   Jan'2016 - Present
- Worked with in-house development for an internal tool called *4-sight* using Oracle Apex.
- Key responsibilities include interfacing 4-sight with other tools and documentation.
- Worked with BI tools such as Oracle EPM Data Warehouse, OBIEE and BRIO.

Developer Intern, *Quest eduventures*, Indore, India   Jun'2014 – Nov'2014
- Developed a recruiting application to simplify and optimize the hiring process.
- One stop solution for posting job openings, managing candidates, collaborating with colleagues and use data the to make an informed decision.
- Features reports and dashboards to estimate Candidate's work progress.
- Responsible for front-end development and integrating the application with other job portal sources such as Naukri, Monster using external APIs.
- *Technologies used:* Salesforce(PAAS), HTML, CSS, JavaScript

Intern Developer, *Technoscript Solutions*, Chennai, India   Jun'2013 - Nov'2013
- Worked on front-end development in a logistics and inventory management system of a leading shipping company in India
- Performed bug fixes in a web based university management product which was developed with PHP and MySQL.
- Responsible for product enhancement through feature updates and responsive design.

ACADEMIC PROJECTS

File System Checker   Nov'2015
- Developed a file system using Java to support functions such as read, write, link, unlink.
- Used Inode technique to implement which has an advantage of access time over the traditional file system.
- Mounted this on Ext4 filesystem on Ubuntu
- Each block size is 4096 bytes and used a block device with 10,000 blocks.
- All blocks contain text and the only binary data is the material that is stored in a file.

Virtual Classroom website for providing online education   Jan'2015 – Apr'2015
- Developed an e-learning suite targeted to serve as a quick and easy-to-use platform for high school students
- Key features include dashboards and report generation for teachers to effectively manage their students.
- Worked on key modules of the product such as tracking student progress, uploading assessments, conducting quizzes and checking student participation.
- Used PHP for server-side implementation and MYSQL for storage.

Travel Management System   Jul'2013 – Oct'2013
- A comprehensive TMS with several features such as complete travel scheduling, efficient search feature, one-stop tourist information source, multi-currency payments etc.
- Responsible for user requirement elicitation, software specification & quality assurance standards.
- Worked on front-end development of key features of the product such as defining complex contracts, travel product information, admin dashboard and payments.
- Technologies Used: HTML, CSS, JavaScript, IBM Rational Rose