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Objective → Seeking a challenging summer 2017 internship in Software Development where I can contribute my technical expertise, academic knowledge, and past work experience.

Education

SUNY AT BINGHAMTON - MASTER OF SCIENCE - COMPUTER SCIENCE - GPA 3.43

AUG 2016 - PRESENT

- CS 557 - Distributed Systems, CS 575 - Design and Analysis of Computer Algorithms, CS 571 - Programming Languages
- CS 580 - Machine Learning, CS 550 - Operating Systems, CS 520 - Computer Architecture and Organization

COLLEGE OF ENGINEERING, PUNE - BACHELOR OF TECHNOLOGY - COMPUTER ENGINEERING - GPA 3.4

AUG 2011 - MAY 2014

- Storage & Virtualization, System Programming, Advanced Computer Architecture, Computer Networks, Information Security

Professional Experience

Globant | Pune, India | www.globant.com

SOFTWARE ENGINEER

AUG 2014 – JUL 2016

- Implemented Single Page Application for creating virtual organizations, templates, appliances, and bare metal devices
- Crafted UI for providing virtual customer premises equipment (**vCPE**) solutions
- Developed **MVC** in Backbone JS and UI for **NFV**, **SDWAN**, High Availability (**HA**), setting up Virtual Machines (**VM**)
- Gained experience in using **REST APIs**. Developed few widgets with the help of **jQuery** and JS
- Developed Front End for Versa Director (Cloud Orchestration & Automation Engine) - Versa Networks Inc
- Built a Web based product for SDN using Java, Spring, BackboneJS, RequireJS, HTML 5, jQuery etc.
- Created a Java application for mining data by performing several kinds of operations using random matrices generation
- Built a JS app using **jsdom** browser environment to fetch thesauruses from thesaurus.com

Project Experience

TWO PHASE COMMIT

BINGHAMTON 2016

- Implemented 2 Phase Commit Protocol with fault tolerance using python
- Written test programs to test participants (servers), coordinator and client for durability, concurrency, and recovery

MECHANISM FOR TAKING GLOBAL SNAPSHOTS OF A DISTRIBUTED BANKING APPLICATION

BINGHAMTON 2016

- Written a banking app a controller to take global snapshots and validate whether the money transfer is taking place correctly
- Made use of **Chandy-Lamport** global snapshot algorithm to take global snapshots of the bank

REMOTE DESKTOP APPLICATION USING REMOTE FRAMEBUFFER PROTOCOL - RFB

PUNE 2013-14

- Established a connection between an android phone and laptop via an android app using various networking protocols such as **RFB** (Remote Framebuffer Protocol), **VNC** (Virtual Network Computing) and **RDP** (Remote Desktop)
- It was mandatory for both the devices to have a connection via same access point to same network

DISCUSSION FORUM

PUNE 2012 - 13

- Formed a medium between students and professors to share the opinion regarding studies, coursework, assignment, etc.
- Made use of MySQL, LAMP, JavaScript, PHP, and HTML to develop this application

PROFILE DIRECTORY

KHAMGAON 2010 - 11

- Created a social networking standalone application like Orkut. Made use of ODBC JDBC Connectivity
- It allows user to create an account, update his Personal, Social, Professional, Contact and any other General information
- Implemented using core Java and **AWT**. Later made the use of **Swing** Toolkit. ODBC Database - MS Access was used

Technical Skills

- **PROFICIENT:** Java, JavaScript, RequireJS, BackboneJS, DustJS, UnderscoreJS, C, jQuery, MVC, Twitter Bootstrap
- **INTERMEDIATE:** C++, Python, CSS, Android, Node JS, PHP, MySQL, Shell Scripting, DynamoDB, Cassandra, HTML5
- **TOOLS:** NCS, Git, Apache Tomcat, Apache Thrift, STS, IntelliJ IDEA, Eclipse, Android Studio

Honors and Awards

Extracurricular

1st Rank Holder in Diploma & Received Spark of Excellence twice at Globant
C-DAC Certified with A+ Grade in C and C++

Part of Guinness Book of World Record – Rubik's cube
Runner-up Paper Presentation – Android OS, Versatelia'11