Rahul Shinde

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PROFESSIONAL EXPERIENCE

DATABASE DEVELOPER INTERN, *The Fusion Advertising, NY*   *Feb 2017 - Jul 2017*
- Contributed significantly to both **frontend** and **backend** of various websites as a part of an **agile** team
- **Independently** designed and developed web-based admin portal to efficiently manage critical website components
- Ensured **component configuration** during product delivery and resolved underlying issues

SOFTWARE INTERN, *Distributed Learning Technologies & Technology and Learning Program, CSU Chico, CA*   *Jan 2015 - Dec 2016*
- Took an initiative and designed **Google Analytics dashboard** to analyze Bb Learn application traffic
- Monitored and investigated system startup issues using **Splunk** and raised it to concerned team for further resolution
- **Proactively administrated** Third Party Patch Management for Bb Learn and identified bugs for resolution
- Accelerated workflow by **automating system testing** on Bb Learn application using Selenium

SOFTWARE DEVELOPER, *Hashtrix Technologies Pvt. Ltd., India*   *Aug 2012 - Jan 2014*
- Actively developed and incorporated SQL and PL/SQL scripts in the application to **handle requirement changes** by the clients
- Evaluated database statistics for performance and stress testing using **LoadRunner** to enhance application performance
- Addressed and resolved issues faced during production(Warranty Support) and **tuned-up the database to address performance issues**

EDUCATION

MASTER OF SCIENCE - COMPUTER SCIENCE   *May 2017*
California State University, Chico

BACHELOR OF ENGINEERING - COMPUTER ENGINEERING   *May 2012*
University of Pune

ASSOCIATES OF ENGINEERING - COMPUTER ENGINEERING   *May 2008*
Cusrow Wadia Institute of Technology, Pune

PROJECTS

PYTHON WEB SCRAPING TOOL
Python, JSON, Git, Scrapy   *Jun 2017 - Current*
- Implement Python scripts to **crawl** through the websites to push or extract data from it.
- **Scrapy framework** is used for data extraction from websites like Facebook, Linkedin, Twitter and more.

DECISION SUPPORT SYSTEM (DSS)
PL/SQL, Git, Power BI, SQL Data Modeler, Project management   *Jan 2016 - May 2016*
- Implemented **ETL functionality** & performed **data migration** for a newly designed database used for DSS.
- Designed and built **Microsoft Power BI dashboard** to support financial decision-making process.
- Performed **query optimization** and created deployment package for easy installation for future use.

OPTIMIZED FILE HANDLING : SMALL FILES IN HADOOP DISTRIBUTED FILE SYSTEM (HDFS)
Hadoop, Cloudera, MapReduce, HDFS, TestDFSIO, Docker, Git, Java, Splunk   *Jan 2017 - May 2017*
- **Created and configured** Linux Docker image and installed Hadoop cluster in those containers.
- Implemented and incorporated a technique to **enhance HDFS capacity** to handle small files.
- Benchmarked and verified improved **HDFS performance** for small files.

DOCTOR'S ASSISTANT
Android, SQL, PHP, Amazon Web Services - RDS, Git   *Aug 2016 - Dec 2016*
- Developed an Android app to assist medical services providers to **obtain patient's history** on handheld mobile devices.
- Managed and integrated **AWS RDS** service in the app to maintain data store for health records.
- Performed device compatibility testing and resolved issues to ensure **app consistency**.

SKILLS & EXPERTISE

PROGRAMMING
***PL/SQL, PYTHON, HTML,** PHP, CSS, JAVA*

SCRIPTING LANGUAGES
***Bash/Shell,** PowerShell, Ruby*

DATABASES
***Oracle,** MySQL, MongoDB, MariaDB, SQLite*

NETWORKING
***TCP/IP, DNS,** LDAP, SSH, Routing Protocols, Active Directory*

CLOUD SERVICES
Amazon Web Services (AWS) -** EC2, S3, RDS, RedShift**, Google Cloud

DEVOPS TOOLS
Docker, Splunk,** Vagrant, Travis CI, **Git,** Jenkins, VMWare, Packer, **Terraform, Ansible

TOOLS & FRAMEWORKS
***Google Analytics,** Microsoft Power BI, **Google Test,** JUnit, Selenium, LoadRunner*

OPERATING SYSTEMS
***RHEL, Ubuntu,** CentOS, **MacOS,** Kali Linux*

SCRUM SKILLS
***Agile,** Project Management, **Team Player,** Clear Communication, Business Process Design*

ACHIEVEMENTS

Google Analytics Certification **|** Contributed to ***KDevelop* Open Source IDE Project-**2015 **| 9th Rank:***National Cyber League***(NCL) Fall Post Season-2015