Python Developer Python Developer Python Developer - Rackspace San Antonio, TX Authorized to work in the US for any employer Work Experience Python Developer Rackspace - San Antonio, TX March 2017 to Present ? Automation framework: ?Working as a part of Rackspace Business Automation framework team to maintain various projects handled to automate the system provisioning, script management and other related requirements. Used and maintained the in-house APIs created for internal projects.   ? Automated Testing: ?Wrote test cases and scripts for the python codebase and maintain the proposed test coverage. ? CI/CD: ?Worked on multiple projects to convert them into ci/cd by developing salt states and other techniques. ? Monitoring: ?Worked on various monitoring tools like statsd, graphite and grafana to keep track of the processed events, floods, spikes and other parameters to make sure the overall system is persistent, up and running. ? Certification and Validations: ?Worked on Checkmarx scans and made required improvements in codebase from the reports generated to meet the PCI compliance. Python Developer Rackspace - Blacksburg, VA August 2016 to March 2017 ? Implement and maintain email receipts and delivery standards: ?Worked as a part of Rackspace email team to maintain the email standards for the hosted mailboxes. Worked on DKIM/DMARC to reduce phishing attacks against our hosted email customers. ? Email Security and filtering: ?Worked on the anti-abuse architecture maintained by the email team. It involved working on various scripts, databases and adding new features as per company requirements. Software Engineer Homes.com October 2014 to July 2016   Worked with data engineering team to manage handling and processing of daily listings.   Developed new modules and managed legacy code written in Perl and worked mostly in UNIX environment. Graduate Teaching Assistant Florida State University August 2013 to August 2014 Related Course Work: Software Engineering, Advanced Operating Systems, Analytical Methods, Concurrent and Parallel Distributed Systems, Theory of Automata and Formal Languages, Network Security, Network and System Administrator, Computer Security, Cryptography, Network Security, Artificial Intelligence, SAS Database Management. Education Masters in Computer Science Florida State University October 2014 Bachelors in Computer Science Acropolis Institute of Technology & Research May 2012 Skills Databases (4 years), C++ (2 years), Python (4 years), Perl (2 years),

Agile (4 years), Git (4 years), MongoDB (1 year), MySQL (2 years), Agile (4 years), Linux (3 years)

Links http://www.linkedin.com/in/ratneshpatidar http://ww2.cs.fsu.edu/~patidar Additional Information

Educational Background: Masters in Computer Science, Florida State University, FL, USA ?[CGPA: 3.7/4.00]   Bachelors in Computer Science, Acropolis Institute of Technology & Research, India ?[CGPA: 3.8/4.0] Technical Skills: Programming Languages?: Python, Perl, C/C++, SAS Databases?: SQL Server, Oracle, MongoDB, SAS Database Management, Cassandra. Software Tools?: Microsoft Office, Visual Studio 2010, Vagrant, SAS 9.3, Robomongo, FileZilla, RabbitMQ. Software Development?: Github, Chef, Salt, SVN, Sublimetext, Atlassian, JIRA, PyCharm Work Experience: [Oct 2014] [May 2012]   ? At Rackspace, San Antonio (Python)   ? Automation framework: ?Working as a part of Rackspace Business Automation framework team to maintain various projects handled to automate the system provisioning, script management and other related requirements. Used and maintained the in-house APIs created for internal projects. ? Automated Testing: ?Wrote test cases and scripts for the python codebase and maintain the proposed test coverage.   ? CI/CD: ?Worked on multiple projects to convert them into ci/cd by developing salt states and other techniques. ? Monitoring: ?Worked on various monitoring tools like statsd, graphite and grafana to keep track of the processed events, floods, spikes and other parameters to make sure the overall system is persistent, up and running. ? Certification and Validations: ?Worked on Checkmarx scans and made required improvements in codebase from the reports generated to meet the PCI compliance. ? At Rackspace, Blacksburg (Python) ? Implement and maintain email receipts and delivery standards: ?Worked as a part of Rackspace email team to maintain the email standards for the hosted mailboxes. Worked on DKIM/DMARC to reduce phishing attacks against our hosted email customers. ? Email Security and filtering: ?Worked on the anti-abuse architecture maintained by the email team. It involved working on various scripts, databases and adding new features as per company requirements. ? At Homes.com (PERL) ? Managing Data processing pipeline?: Design and handle issues related to various phases of data pipeline used to process daily listings. Involved extensive work in Perl/ Python to write code scripts for data processing and management. ? Design Modules?: Create modules for company s designed architecture to make it

efficient and precise. ? Agile Development: ?A part of software development team to plan and design required projects needed for the company. ? At Florida State University ? A Simplified Make Program?: To mimic Make utility of UNIX. (C/C++) ? Parallelization of Jacobi Algorithm?: Using OMP, multi-threads and multi-processes techniques. (C/C++) ? Peer-to-Peer Game Server Model?. (Java, C/C++) ? Java Based File system Interface?. (Java) Publications: ? Mobile Usage Patterns and Privacy Implications. (PerMoby 2015) [September, 2013] [October, 2013] [December, 2013] [June, 2014] [March, 2015]

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