Java Developer Java Developer Java Developer Arbutus, MD Work Experience Java Developer Infosys Ltd - Bengaluru, Karnataka January 2016 to August 2017 o Performed requirement analysis to identify the challenges and the additional requirements before development o Sound knowledge on Spring Framework such as Spring IOC and Spring REST o Implemented RestFul web services to add functionality to the application based on customer requirements o Sound knowledge in Java multithreading, Collections and JDBC connection.   o Experience in configuring and deploying applications on Tomcat 9.0 server o Identified bottlenecks and bugs, and devised solutions to the problems   o Hands on experience with build and deployment using Maven, unit and integration testing using JUnit o Shared domain and technical expertise, providing technical mentorship and cross-training to peers and team members o Excellent team player with good analytical, strategic planning and interpersonal skills o Effective communication skills and ability to maintain good relations with users, developers, operations and security teams Database Administrator August 2013 to December 2015 o Performed scheduled maintenance and support release deployment activities after hours o Ensured all database servers are backed up in a way that meets the business's Recovery Point Objectives (RPO) o Tested backups to ensure we can meet the business' Recovery Time Objectives (RTO) o Configured MSSQL Servers in Foglight monitoring tool to minimize false alarms o Resolved issues related to MSSQL database and fixed 5 critical application issues directly affecting the users o Optimized MSSQL queries and stored procedures and improved the performance time by approx. 40% o On-call troubleshooting experience for MSSQL Server service outages with at least one production server for a year o Performed disaster recovery tests with failover clustering and SAN replication Education Master of Science in Computer Science in Computer Science University of Maryland - Baltimore, MD August 2017 to May 2019 Electronics & Telecommunications BijuPatnaik University of Technology August 2008 to May 2012 Skills JAVA (1 year), HIBERNATE, SPRING (1 year), JUNIT (1 year), TRAINING (1 year), Core Java, Java J2Ee, Rest Links http://github.com/RashmiPrava21 Additional Information Technical Skills Experienced: Java, Spring Framework, C++, Python, MSSQL, MySQL, JUnit, Hibernate, Sockets, Git, HTML5, CSS3 Operating systems: Linux (Debian), Windows 10 Tools: Clarify

ticketing, Foglight monitoring, HP ITSM, Postman Research Assistant Predicting blood pressure using Photoplethysmograph (PPG) sensor and Machine Learning May 2018 - Present o Developed a graphical user interface (GUI) based software client that establishes bluetooth connection with the sensor over serial port and collects PPG data. o Performed normalization on the ppg waveforms and generated the python pickle file for both training and testing dataset. o Used supervised learning algorithms and models in the experiment to predict the blood pressure from such waveforms

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