

Software Developer Software Developer Systems Engineer Bellevue, WA Work Experience

Software Developer Viasat - College Station, TX June 2017 to Present Achieved 30%(\$600k) more performance efficiency by automating SLA (Service Level Agreement) report generation for internet usage by commercial airlines using AWS Cloud Formation stack and S3 buckets. Developed portals for multiple airlines to provide them Wi-Fi internet connectivity on the airplane using react, JavaScript and pug framework to deliver 99.99% service rate for in-flight availability. Developed automation pipeline for dockerized containers using Jenkins to help support integration between various simulated projects which interact on the airplane to reduce the connection latency. Assisted in developing portal builder optimizing use of generic react component increasing the creation rate of customized portal by commercial airlines thus reducing turnaround time from 6 to 1 month. Collaborated with infrastructure team in continuous integration and deployment of finished portal to airline tails using salesforce and received client commendation for 99% success rate. Created serverless APIs for extracting click rate usage of customer from airlines portals and store logs in Splunk for data analytics to improve customer retention rate by 70%.

Research Assistant Texas A&M University - College Station, TX August 2016 to June 2017 Developed application for state government using Google Maps API with C# and SQL at backend to help crop producers and applicators register their crop and help communicate for pesticide application.

Software Developer Rackspace - San Antonio, TX May 2016 to August 2016 Revamped database logging technique using advanced SQL techniques to save operational performance and storage cost of product by 65%. Integrated Customer migration report for product versions using C#, jQuery and JavaScript giving estimated time for version migration.

Systems Engineer Tata Consultancy Services October 2012 to June 2015 interest and information extraction Coordinated with sales, product & CRM team in devising integrated market entry and 30% higher and 20% faster. new business strategies reducing human effort by 65% & successfully implemented it Developed Cognitive Keyboards using in pharmacy, manufacturing and education sectors. Hadoop framework and NoSQL Improved highly transactional based F&A module performance by 45% (\$1.8M) over technology which increases typing one year by help design key features which were more customer

centric and speed by 70% as compared to increased ease of access. traditional keyboards. Accomplished 95% more usability for the software by adding customized transaction- Constructed a data warehouse (Data based alerts which also enhanced the mobility and cost factor by 4%. Marts) for Dominick's Inc. using Collaborated with infrastructure team resolving network issues for better Microsoft SSIS, SSAS, SSMS to that performance that increased the efficiency of solution by 57% and resulted in 34% less provide financial analytics for market data cost. segmentation which increases Assisted in data collection and risk analysis for ERP clients and on demand report for company revenues by 25%. customers that resulted in 67% reduced human effort and increased efficiency by Education Master's in Management Information Systems Texas A&M University - College Station, TX June 2015 to May 2017 Bachelor of Technology in Electronics & Communications Engineering G.B. Pant University of Agriculture & Technology - Uttarakhand, India April 2008 to June 2012 Skills HADOOP, NOSQL, REDIS, SPLUNK, AWS, MYSQL, Javascript, Git, HTML 5, CSS, Java (6 years), JQuery, React (3 years), Redux (3 years)

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