RAJARAMAN GOVINDASAMY

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SUMMARY

Innovative software engineer with three years of industrial experience in software field transforming client's requirements into quality java code and creative websites. Broad knowledge in advanced development methodologies, programming tools and algorithmic concepts.

EDUCATION

M.S., Computer Science	University of Texas at Arlington	Aug 2015 – May 2017	**3.5 GPA**
B.E., Computer Science	Anna University, Chennai	Sep 2008 – May 2012	**3.6 GPA**

TECHNICAL SKILLS

Programming	: Java, Python, PL/SQL, C, C++, PHP, MATLAB	Cloud	: AWS, Dockers, OpenShift
Web Technologies	: Java Script, JSP, HTML, CSS, REST, NodeJS	Big Data	: Spark, Map-reduce, Scala
Environments	: Windows, UNIX/Linux, J2EE	Database	: Oracle, SQL, MongoDB

PROFESSIONAL EXPERIENCE

Tata Consultancy Services   **Software Developer**   **Apr 2014 – Jun 2015**

- Re-designed client's policy document portal to expedite insurance policy creation 25% faster than usual rate.
- Dramatically accelerated database performance from 67% to 80% by implementing PL/SQL stored procedures.
- Crafted testing plans to handle 150 basic test cases that drastically lessened 6% of project delivery time.

Cognizant Technology Solutions   **Senior Systems Executive**   **Jun 2012 – Apr 2014**

- Improved archive logs switching time 8% faster for 14 critical databases which decreased their fail over by 12%.
- Achieved committed 50% reduction in recovery time of core applications for the bank using disaster recovery.
- Recorded 99% compliance in bringing business active from production emergency with zero business loss.
- Assisted data center disaster recovery drills for continuous 33 hours and switched 26 applications in a day.

ACADEMIC PROJECTS

E-Commerce Web Application (HTML 5, CSS 3, Java Script & PHP, XAMPP)
Developed an e-commerce web application to sell, lend and auction books inside the UTA student community.

MavBids – Android mobile application (Android Studio, Java, XML)
Developed an android app to buy/sell items within UTA community from scratch with best practices of the agile software development lifecycle including coding standards, revision control.

Big Data Weather Data Prediction (Map Reduce, Java, Eclipse)
Implemented a project to analyze average temperature of Texas weather in distributed framework using AWS.

Neural Networks Implementation in Machine Learning (MATLAB)
Implemented neural network concept to predict the classification accuracy using Back Propagation Algorithm.

Search Engine with Natural Language Processing (Python)
Developed a search engine to render results with highest cosine similarity data using Threshold bound Algorithm.

Big Data Shortest path prediction in Graph Network (Scala)
Developed a Scala project to determine the network interconnectivity and shortest path traversal between nodes.

CERTIFICATIONS

Six Sigma Yellow Belt, ITIL V3 | *Cognizant Certified

PUBLICATION

International Conference – Motion based Alarming

ACHIEVEMENTS

- Young **Performer Award** at Cognizant Town hall for outstanding performance as an Entry level resource.
- **Executive Board member** of MavsGoGreen, International Students Organization and Multi-Cultural Affairs at UT Arlington exhibiting **leadership, decision making and event management** skills organizing various events.
- Rashtrapati Scout Award for outstanding service to the community – **By the President of India**.
- Founder of Swasam Charitable Trust – **Non-profit organization** to help underprivileged child education.

GitHub: https://github.com/rajaramangovindasamy/