Vipin Pillai

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Education

Master's in Computer Science
August 2016 – May 2018 (Expected)
University of Maryland, Baltimore County

Bachelor of Engineering – Computer Engineering
July 2008 – May 2012
Maharashtra Institute of Technology, Pune
Affiliated to University of Pune, India.
Aggregate Percentage: 66.18%   First Class with Distinction

Research Experience

- Worked in MIT Amdocs Innovation Lab on Short Advertisement Service implementing double metaphone algorithm. Designed and implemented a weighted ranking algorithm.
- Worked under Tata Research Development and Design Center (TRDDC) on the design and development of a new specification language to specify code review constraints.

Work Experience

Amdocs, Alpharetta

Nov 2014 – June 2016

Software Developer – Amdocs AT&T division
Key responsibilities:
- Design, development and implementation of AT&T Halo platform transformation project.
- Lead development activities according to customer requirement and deliver committed functionalities.
- Consult with customers and stakeholders for enhancements and feasibility analysis for the same.
- Perform POCs for new project functionalities.
- Resolve critical defects within agreed timelines.
- Identifying and resolving performance bottlenecks in the application.

Amdocs, Pune

July 2014 – Nov 2014

Programming Senior Subject Matter Expert – Amdocs OSS R&D
Key responsibilities:

- Development and implementation of AT&T Gamma project.
- Consult with customers for enhancements and feasibility analysis for the same.

July 2012 – June 2014	Subject Matter Expert - Amdocs OSS R&D

Key responsibilities:
- Design, development and delivery of backend APIs for Amdocs Business Service Capture (BSC) in an agile environment using Test driven development approach.
- Delivery of design documents by doing performing requirement analysis with functional designers considering OOP concepts, data structures and various design patterns.
- Product enhancements by devising and implementing algorithms for Amdocs Service Order Management (SOM) and Amdocs Enterprise Product Catalog (EPC).

Computer Skills

Languages: C, C++, JAVA, Python, PHP, Shell Scripting, Assembly Language, SQL.
Databases: MySQL, Oracle 11g, IBM DB2
Softwares/Tools: Eclipse, Netbeans, Matlab, Apache Hadoop
Operating System: Windows, Ubuntu

Awards/ Achievements

- Shortlisted among the 10 finalists in the 2014 Amdocs Worldwide Hackathon for an Internet of Things (IoT) prototype implementation based on Arduino and Raspberry Pi.
- Won Best Project Award for final year project in the 2012 annual student fair held at TRDDC, Pune.

I hereby declare that the statements made above are true to the best of my knowledge. For further information, kindly feel free to contact me.

Vipin Pillai
September 25, 2016