VENKATESH

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Overall Summary

- 6+ years experience as a Software Developement Engineer
- Strong competencies in Algorithms, Data structures and Software design
- Passionate about programming and delivering clean, test-covered, well-designed, scalable code

Education

- National Institute of Technology, Calicut, Kerala, India
  - Master of Technology in Computer Science and Engineering (2010-12)
  - GPA – 7.4 / 10
- Sri Kalahasteeswara Institute Of Technology, Srikalahasti, Andhra Pradesh, India
  - Bachelor of Technology in Computer Science and Engineering (2004-2008)
  - Percentage – 65.64 / 100

Experience

- Western Digital Corporation (March 2015 – Present)
  Languages : Python, Ocaml, C++, Java
  Platform : Linux
  - Object Notification Service in ActiveScale: Created Java development infrastructure for the team using docker and developed kafka notification service
  - File over S3 in ActiveScale : Implemented Read/Write/Delete Block API's in object service component
  - Small Object Performance in ActiveScale: Implemented IDP protocol specification in Objectdaemon component with Zero defects
  - ActiveScale 4.x Maintenace : Fixed 2 major bugs which includes scalability issue
  - OpenStack swift API's for ActiveScale : As part of this team implemented all the container-service API's as a individual contributor with zero defects
  - Open source contribution to cloud-kitty (Billing module) in Openstack

- *Lead Engineer @ Samsung Research India*, Bangalore, Karnataka   (*July 2012-Jan 2015*)
  Project : 3G software optimization
  Languages : C, C++, Python
  Platform : Linux
  - Responsible for optimization of *urrc* layer of *umts* stack.
  - Code Refactoring : Removal of *ILM* class concepts in urrc: done with zero defects
  - Redesign of measurement control message processing in urrc : done with zero defects
  - Developed code generator in python which generates c++ serialization, deserialization functions used in socket interface message exchange.

Software Skills

- Programming   :   C, C++ , Java, Python, Ocaml
- Scripting Languages :   Perl, Shell Scripting
- Database   :   Arakoon
- Operating Systems :   Linux

Academic Projects

- Automatic Text Classification Using a Multi-Agent Framework   (M.Tech)
      It is a decentralized approach for text classification using JADE framework

Declaration

      I here by declare that the above furnished information is true to the best of my knowledge.

Date: Venkatesh