bandishankar@gmail.com

BANDI SHANKAR

(469)-271-6818

EMPLOYMENT

Software Engineer	Nuance Communication (Boston, MA)	(Feb 2018 to present) 2.1 year

➔ Implemented Speaker Qualification microservice, which is used to identify speakers which need model building for speech recognition.
➔ Developed microservices in java using Spring boot framework and containerized using docker and deployed it to Kubernetes cluster using helm chart configurations
➔ Designed and Implemented microservice for blob management which maintains blobs for speech recognition models.
➔ Redesigned existing on premises service to cloud ready microservices and deployed in Azure managed Kubernetes platform
➔ Enhanced features to existing applications and also added automation tests using cucumber framework.
➔ Refactored existing java based microservice for better maintenance and readability.

Member of Technical staff III	Verizon Innovation Lab (Boston, MA)	(Oct 2015 to Dec 2017) 2.2 year

➔ Implemented a few core features of Verizon thingspace IOT platform for device management.
➔ Implemented device onboarding strategy to connect IOT device to platform
➔ Integrated 3rd party platform to Verizon IOT platform, e.g IFTTT platform
➔ Developed POC for developers and also gave training sessions on best practices to use the platform.
➔ Developed microservice using GO/Golang, Java, Kafka, Docker, Cassandra and deployed over private cloud.
➔ Worked on IOT (Internet of Things) platform development for consuming data from Internet connected devices.
➔ Designed and exposed service using REST API.

Senior Software Engineer	Samsung Research India	(2011 August to 2013 May) 2 year

➔ Developed android applications for android enabled products of Samsung like mobile, printers and home appliances. Development involved high quality system design using Object oriented approach and its implementation in java.
➔ Developed server and mobile based applications for Samsung products using various UI and back-end (Java based) technology and mobile platform (Android). Development involved designing a highly modularized system which is able to integrate with other existing system.

Software Engineer	Aricent Group - Bangalore (India)	(2010 March to 2011 Aug) 1.5 year

➔ Developed Android applications for different clients including Vodafone and at&t.
➔ Worked on mobile device development from scratch on Brew MP platform

EDUCATION

Richardson, TX	University of Texas at Dallas	August 2013 – August 2015

➔ M.S. in Computer Science
➔ Graduate Coursework: Algorithms design, Object Oriented Analysis and Design, Machine Learning, Artificial Intelligence, Big-Data, Database, Cloud computing, Multimedia systems, Information retrieval

Kolkata, India	West Bengal University of Technology	July 2005 – May 2009

➔ Bachelor of Technology in Information Technology, May 2009. GPA: 3.7

TECHNOLOGIES AND TOOLS

➔ **Language:** Java, GO/Golang, C/C++, python
➔ **Platforms and frameworks:** Spring boot, Android, Go gin, Kubernetes
➔ **Technologies:** Docker, Kafka, zookeeper, Cassandra, TensorFlow, Keras
➔ **Tools:** SVN, GIT, Perforce, CVS, Eclipse, Idea, ADT, android studio