AJINKYA DANDE

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SUMMARY

Meticulous, result-driven software engineer with remarkable technical, communication, analytical and organizational skills. Possess extensive experience in the complete software development lifecycle demonstrated for over 2 years in financial software domain. Currently looking for full-time summer internship at a dynamic and fast-paced company like **ServiceNow** starting summer 2020.

EDUCATION

Masters in Computer Science (MCS)   Graduating May 2021
Arizona State University, Tempe, AZ
Graduate Coursework: Multimedia and Web Databases, Mobile Computing, Statistical Machine Learning, Information Assurance and Security, Foundations of Algorithms

Vishwakarma Institute of Technology, Pune, India   May 2017
Bachelor of Technology in Computer Engineering   **GPA 3.62**

TECHNICAL SKILLS

Programming Languages:	Core Java, Python, C, C++
Web Technologies:	HTML5, CSS, JavaScript, Spring MVC, Node JS, Angular JS, Ruby on Rails, JSP
Development & Software Tools:	Eclipse, Linux shell, PyCharm, AWS, Anaconda Navigator, Git, JIRA(Agile), AndroidStudio, Agile, Perforce, REST, J2EE, Apache Spark, LaTeX
Databases:	Oracle, MySQL, SAP Sybase IQ, Mongo DB
Operating Systems:	Windows, MacOS, Android, Linux

PROFESSIONAL EXPERIENCE

SAP Labs   Pune, India
Associate Software Developer | SAP Omnichannel Banking   Sept 2017 – May 2019
- Developed cross-platform APIs and business logic using Java and Spring for core modules in banking application such as bill payments, entitlements, administration and performed unit testing using JUnit
- Exposed the developed API's using REST and OData(Open Data) framework and developed associated user interface
- Migrated the code from existing stateful JSP based implementation to stateless REST and OData driven architecture thereby increasing performance by 90% and making the business logic modular, and scalable
- Collaborated with personal finance management team to work on Machine Learning use-case of automatic categorizing the expenses of the user deployed as a microservice
- Technologies – Java, Spring, OData, RESTful web-services, Apache Tomcat, Maven, JSP, SAPUI5, HTML5, CSS3, JavaScript

Student Intern | SAP IQ/HANA   Jan 2017 – June 2017
- Performed comprehensive regression testing and taking appropriate actions on build/test failures on Petabyte scale database product SAP IQ/HANA
- Implemented code fixes under the direction of software architects, mentors and senior developers
- Wrote scripts for random data generation for testing indexes using Python for the QA team
- Technologies - Python, SQL, Tcl, SAP Sybase IQ, Quasr, Linux shell

ACADEMIC PROJECTS

Walk Safe   Fall 2019
- Developed an android application using AndroidStudio and Java which determined the safest route avoiding certain danger points on the map
- Used data like history of crimes in different places to mark danger points, and mark spots such as malls, movie theatres, and places with a high density of people as safe points. Based on this data, safest path is computed and represented on Google Maps

Multimedia Database for 11K hand images   Fall 2019
- Developed a multimedia database which can find the latent semantics using different models and dimensionality reduction techniques. It can also search similar images based on query images using k-means clustering and kNN algorithm developed from scratch
- Used 11K hand image dataset and labeled images based on dorsal vs palmar, left vs right, skin color and accessories, observed accuracy was 74%

Music Genre Classification   Fall 2019
- Developed an application for automated genre prediction using GTZAN dataset having 1000 songs and million song dataset with 59600 songs
- Used MFCC for extracting features and multiple machine learning models for classification, observed accuracy was 86%

OTHER EXPERIENCE

Arizona State University, *Student Verifier*   Jan 2020 – Present
- Collected and entered data of student's information and maintaining accurate records in the database for Admissions service department

Vishwakarma Institute of technology, *'VIT Active Linux Users Committee' Lead Organizer*   Aug 2014 – May 2017
- Tutored junior students in Linux operating system foundations like kernel, shell, threading and gnome compilers (gcc, gdb)
- Organized hands-on training workshops for students encompassing basic and intermediate skills development like programming, statistics etc.

SAP Commerce Cloud Suite 6.7 Developer, *SAP Labs*
- Certified SAP Cloud Commerce developer previously known as SAP Hybris