AKASH WANI

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EDUCATION

Master of Science, Computer Science　　　　　　　　　　　　　　　*Expected - Dec'17*
Rochester Institute of Technology, NY　　　　　　　　　　　　　　　*GPA: 3.10*
Coursework: *Web Services and Service Oriented Application, Algorithms, Distributed Systems, Computer Networks, Big Data Analytics, Foundation of Intelligent Systems, Computational Problem Solving, Advanced Object Oriented Programming*

Bachelor of Engineering, Electronics and Telecommunication Engineering　　　　　　*Jun'13*
University of Mumbai, Mumbai, India
Relevant coursework: *Data Compression and Encryption, Wireless Networks, Computer Networks*

TECHNICAL SKILLS

Programming Languages:	Java, Python
Web Development:	RESTful, SOAP, XML, HTML 5, CSS, JavaScript, JSON
Cloud Platform:	Azure, Docker, AWS
Database:	MongoDB, SQL Server, PSQL, MySQL
Mobile Application:	Android Studio
Tools:	Eclipse, IntelliJ IDEA, PyCharm, NetBeans, Weka, Scikit-learn

WORK EXPERIENCE

Senior Software Engineer　　　　　**Capgemini India Pvt. Ltd**　　　　　*Jun'13 – Jun'15*
- Performed the role of a Subject Matter Expert (SME) with Functional, Regression, System Integration, System Acceptance and Migration testing
- Worked onsite in UK for 2 months to manage daily and weekly deliverables for clients warehousing management system

PERSONAL PROJECTS

FindMeSongs Application [Java] [https://findmesongs.azurewebsites.net/]　　　　*Apr'17 – Present*
- Application in development with RESTful services, Front end: JavaScript and Backend: Facebook, Emotion API, Spotify

Popularity of Online News [Weka] [Python]　　　　　　　　　　　　*Sep'16 – Dec'16*
- Analyzed the articles published by Mashable, performed classification of data to determine the popularity of news
- Implemented Decision Tree, K-Nearest Neighbor, Random Forest, Naïve Bayes and Logistic Regression algorithms

ACADEMIC PROJECTS

HelpMeFind Application [Java] [Web Services] [Android Studio]　　　　　*Mar'17 – Apr'17*
- Created a RESTful web service in Java and deployed on Azure with backend MySQL database
- User login, fetching GPS location, building dependency graph are the major features of the application

Banking Web Service　[Java] [Web Services] [SQL]　　　　　　　　　　*Mar'17*
- Developed a SOAP based web service that allows customers to retrieve account details and perform transactions

Emotion Based Video Extraction [Java] [Web Services]　　　　　　　　*Feb'17 – Mar'17*
- Used profile image from Facebook to detect Emotion and provide list of YouTube videos relating Emotion

Wikipedia Application [Java] [Docker]　　　　　　　　　　　　　　*Nov'16 – Dec'16*
- Developed a Wikipedia like service with features of Load Balancing and Migration, Security and Fault Tolerance
- Application developed with REST/HTTP services, Front end: HTML5, CSS and JSP's and Backend: MongoDB

Prediction of Cancellation Code for Flights [Weka] [Python]　　　　　　*Mar'16 – May'16*
- Conducted data analysis on United States Department of Transport dataset containing flight statistics
- Performed data cleaning and reduction of dimensions along with removal of the outliers

Intelligent System Algorithm [Python]　　　　　　　　　　　　　　*Sep'16 - Oct'16*
- Experimented A* algorithm with 3 heuristic functions
- Implemented Regular Minimax Algorithm and Minimax Alpha-Beta pruning algorithm

Networking Based Application [Java]　　　　　　　　　　　　　　　*Sep'15 – May'16*
- Developed an application that demonstrates one to one chat, group chat, File Transfer and VoIP features
- Created a client – proxy – server application identical to *ping/tracert* using a cross platform of TCP and UDP
- Developed server-client, to play a game with multiple users in sequence with TCP/IP, UDP and RMI

HONORS & AWARDS

- Felicitated with "Customer Delight Award" for outstanding performance as Software Engineer　　*Sep'14*
- Capgemini's prestigious award "One Team Award", for teamwork and collaboration　　　　*Jun'14*