

Akash Wani

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EDUCATION

Rochester Institute of Technology, Rochester, NY, USA

Master of Science, Computer Science

Dec'17

GPA: 3.10/4.00

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, Cryptography*

University of Mumbai, Sardar Patel Institute of Technology, India

Bachelor of Engineering, Electronics and Telecommunications Engineering

June'13

TECHNICAL SKILLS

Programming languages: Java, Python

Development Tools: Eclipse, IntelliJ IDEA, PyCharm, NetBeans, Weka

Web Development: AngularJS, REST API, SOAP API, XML, HTML5, CSS, JavaScript, JSON, jQuery, Bootstrap

Cloud Services: Docker, Azure, Mobile Cloud

Database Tools: PostgreSQL, MySQL, MongoDB, Neo4j

Operating system: Windows, Android, Ubuntu, MAC OS

PROJECTS

Evaluating Feasibility of Fog Computing on Smartphones

Sep'17 – Present

- Applications interacts with other devices in its network area for solving the problem instead of sending query to the cloud

Data Analysis

Sep'17 – Present

- Data analysis and Performance major between different database tools [**MySQL, MongoDB, Neo4j**]

FindMeSongs Application

Apr'17 - May'17

- Developed an application with RESTful web-services which provides user with a list of songs based on its current emotion
- Backend API's: Facebook, Microsoft Emotion API, Spotify [**Java, JavaScript, Azure, WebCam**]

Popularity of Online News

Sept'16 - Dec'16

- Analyzed the articles published by Mashable and performed classification of data to determine the popularity of news
- Implemented Decision Tree, K-Nearest Neighbor, Random Forest, Naïve Bayes and Logistic Regression [**Python, Weka**]

HelpMeFind Application

Mar'17 - Apr'17

- Created a RESTful web-service to respond to user queries about nearby places, restaurants & events using a dependency graph
- Designed Android based user interface with authentication using user credentials [**Java, RESTful, Android, Azure, MySQL**]

Banking Web-Service

Mar'17

- Developed a SOAP based web service that allows customers to retrieve bank account details and perform transactions
- Performed multi-threading to handle multiple customers [**Java, MongoDB, HTML**]

Wikipedia Application

Nov'16 - Dec'16

- Developed a Wikipedia like service with Load Balancing and Migration
- Introduced replication of database server to improve Fault Tolerance [**Java, Docker, HTML5, CSS, JSP, MongoDB**]

Prediction of Cancellation Code for Flights

Mar'16 - May'16

- Conducted data analysis on United States Department of Transport dataset containing flight statistics and classified them based on attributes affecting flight cancellations [**Weka**]

Tic-Tac-Toe

Sep'16 - Oct'16

- Created an intelligent game with Regular Minimax Algorithm and Minimax Alpha-Beta pruning algorithm [**Python**]

Messaging Application

Apr'16 - May'16

- Developed an application that demonstrates one to one chat, group chat, File Transfer and VoIP features [**Java, Multi-threading**]

Web Portfolio

- <http://waniakash.com> [**AngularJS, HTML, CSS, jQuery, Bootstrap**]

WORK EXPERIENCE

Senior Software Engineer

Capgemini, Mumbai, India

June'13-June'15

- Worked on Warehouse Management System (WMS) by Manhattan Associates and developed test suites for the same
- Developed macros using VBScript to optimize data creation process
- Involved in managing and maintaining the SQL server for WMS for online customer orders
- Responsible for deploying WMS application in Matalan's warehouse

LEADERSHIP/HONORS

"Customer Delight Award", Software Engineer, Capgemini

Sept'14

"One Team Award", Project Team, Capgemini

Jun'14