



Ms. SUPRIYA TAMBE

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PROFESSIONAL SUMMARY

Research professional with excellent academic track record and more than six years of academic and industrial experience, on diverse software development projects with reputed MNCs and academic institutions.

INDUSTRIAL WORK EXPERIENCE

Senior Project Software Engineer

(Sep'17 – Jul'18)

Projects:

- Successfully ported data from IITBombayX Cypress to Ficus release.
- Development of shell scripts for database porting for different versions of IITBombayX releases.

IIT Bombay

- Understanding architecture and development in Sunbird Education platform.

Mumbai

- Mentored Eklavya Summer Interns 2018 t IIT Bombay on Cloud Storage Solutions.

Key roles and responsibilities:

- Database analysis, porting dstrategies and porting shell script development.
- Automation of in-situ data porting script

Technologies Used: MySql, Shell Scripting, Python, Docker, Kong API, Openstack Swift

Project Software Engineer

(Sep'16 – Aug'17)

Projects:

- Databases schema analysis and develop data migration strategies.
- Development of automated shell scripts for database porting for different IITBombayX releases

IIT Bombay

- Conceptualized database migration methodology for open edX cypress to eucalyptus releases.

Mumbai

- Development of performance and load testing scripts on Jmeter.

Key roles and responsibilities:

- Database analysis and porting shell script development.
- Web application performance testing.

Technologies Used: MySql, Shell Scripting, Jmeter

Associate Application Developer

(Aug'14 – Aug'16)

Projects:

- Development of REST based Digital Banking Application services.
- Creation of Integrated Development Environment for designing screens for mobile application.
- Development of Flexcube Banking Application for Windows phone using C#.net.

**Oracle
Financial
Services
Software**

Mumbai

Key roles and responsibilities:

- Develop high quality software code in accordance with Agile methodology.
- Adapting software to new hardware or upgrade interfaces to improve performance.
- Coordinating installation of software system.

Technologies Used: Core Java, Java Script, C#.net, HTML, XML, PLSQL

Software Engineer*(June'11 – July'12)***Persistent Systems Limited**

Pune

Projects:

-Development of Database Migration Analysis Tool.

- MS Word, HTML report generation for database schema while migration from Oracle to SQL Server

- Development of Enterprise Content Management System and its modules like Scheduler Agent, Adobe plug-in, Excel Add-in etc.

Key roles and responsibilities:

- Participated in all stages of software development cycle.
- Fixing existing issues in the system and also writing code for enhancement without affecting the other functional areas.

Technologies Used: C#.net, Visual Basic, SQL Server 2012, Oracle 11g

ACADEMIC QUALIFICATIONS

Educational degree	Institute	CPI / Percentage	University	Year
PhD (CSE) 5G Testbed	IIT Hyderabad	Ongoing	Autonomous	2018
Post-Graduation – M. Tech (Computer Engineering)	Veermata Jijabai Technological Institute, Mumbai	9.5	Mumbai University	2014
Graduation – B. Tech (Computer Science and Engineering)	Walchand College of Engineering, Sangli	7.3	Shivaji University	2011
Higher Secondary School	Jawahar Navodaya Vidyalaya, Satara	81.6	C.B.S.E.	2007
Secondary School	Jawahar Navodaya Vidyalaya, Satara	87	C.B.S.E.	2005

ACADEMIC RESEARCH EXPERIENCE

<i>M.Tech Project</i>	Mitigation of Black Hole Attack in Delay Tolerant Network using Opportunistic Network Environment (ONE) simulator
<i>B. Tech Project</i>	Detection and Prevention of Black Hole Attack in Mobile Ad hoc Network using Qualnet Simulator.

RESEARCH PUBLICATIONS

<i>Article Title</i>	Analytical Study of Spray and Wait Routing Protocol in Delay Tolerant Network (Link)
<i>Authors</i>	Supriya Dilip Tambe*; Prof. Pramila M. Chawan* *Computer Engineering and Information Technology Department, VJTI, Mumbai, India
<i>Journal</i>	International Journal of Advanced Technology in Engineering and Science Page No 200-207 Volume No.02, Issue No. 07, July 2014; ISSN (online): 2348 – 7550
<i>Abstract</i>	Conventional TCP/IP fails if there is no end-to-end path available between source and destination i.e. there exist intermittent connectivity or link failure then to establish communication, Delay Tolerant Network (DTN) Architecture comes in a picture. Store-Carry and Forward strategy is a base for DTN. To propose optimal routing protocol with proper resource utilization, achieving high message delivery, low latency and low overhead ratio in DTN is one of the challenges. Spray and wait routing is one of the controlled flooding protocol which does not use network's knowledge for forwarding messages and also reduce network congestion. In this paper, we will discuss Spray and Wait routing in details, analyze its performance by varying number of copies of the message and compare it with other routing protocols on the basis of buffer size, no of nodes in a network and message load i.e. no of messages created in a given interval. Results generated after simulation will prove that Spray and Wait routing achieve high efficiency and it is simple and scalable among other routing protocols.

TECHNICAL SKILLSET

Soft skills
Programming Languages: C, C++, Java, C#.net, Java Script, Python
Operating System: Windows 7, Windows XP, Linux(Novice)
Database: Microsoft SQL Server, Oracle, MySQL
Technical Course: CCNA, Amazon AWS, Shell Scripting, MongoDB

EXTRA- CURRICULAR

Technical

- Infosys Campus Connect Program – attended the workshop on soft skills
- Participated in Regional Science Congress, Ahmedabad
- Regional Topper in Mathematics in AISSE-2005 (Class X)

Non-Technical

- Active member of 'GAGANVEDHI' Club in WCE, Sangli
- Participated in annual athletics competitions held at WCE, Sangli
- School Leader at JNV, Satara

Strengths

- Inclined towards analysis and research
- Quick adapter while working in multicultural and diverse teams
- Punctual, Hardworking and Sincere
- Willing to shoulder challenges and responsibilities

Hobbies

- Puzzle solving: Sudoku, Crosswords
- Avid interest in Astronomy
- Freehand sketching in dry mediums
- Yoga, Meditation and travelling enthusiast

PERSONAL DETAILS

Name Supriya Dilip Tambe.
Date of Birth 1st September 1989
Marital Status Married
Nationality Indian
Passport No J7103718
Languages Known English, Hindi, and Marathi

References and Recommendations: will be provided as per request

Declaration I hereby declare that the above information is correct to the best of my knowledge and I bear the responsibility for the correctness of above mentioned data.

Place: Hyderabad

Date:

Ms. Supriya Tambe