

Karthik Ruthiravelu

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CAREER PROFILE:

An enthusiastic full stack developer with lots of passion to code efficient, scalable solutions implementing data Structures and algorithms to complex problems and with a continuous upskilling attitude towards latest software technologies.

EXPERIENCE:

Software Developer, Sep 2016 – Present, **Tata Consultancy Services**, Chennai.

Designed and Developed Database Models in PostgreSQL and HBase for a Retail Product Named Optumera currently used by leading retailers in USA, Netherlands and Sweden.

Developed Reusable Desktop Applications in Python and Java to Automate Time Consuming Testing Processes for the Developed Product.

Developed Web Application for the Internal Team to Communicate and Co-ordinate daily tasks in the Development Process.

Developed multiple applications in Python to automate various parts of the development process.

Administrated Hadoop and PostgreSQL Database servers.

EDUCATION:

B.E in Electronics and Communication Engineering, Easwari Engineering College (2012-2016).

STRENGTHS:

- Independent Self learner.
- Flexible and Adaptable to any environment.
- Smart Working.

SKILLS:

- Backend Technologies: **Python, Node.js and Core Java.**
- Frontend Technologies: **HTML, CSS, JavaScript, jQuery, Beginner in Angular and React.js.**
- Databases: **PostgreSQL, MySQL, HBase, Apache Phoenix , Apache Pig and MongoDB.**
- Cloud: **Microsoft Azure, Cloud9.**
- Operating System: **Unix(Ubuntu, Red Hat Linux), Windows(XP and above).**
- Version Control Tools: **Git and Tortoise SVN.**
- Other Tools: Experience in using **Eclipse, Notepad++, Atom Editors, Sublime Text PgAdminIII, SquirrelSQL, Putty, WinSCP and Cloud9 IDE** for Node.js, Express.js and MongoDB.

PROJECTS:

The Following are list of some of the Projects which are developed by me in part time to enhance coding as well as to learn Web Technologies:

RGB Color Guessing Game - A Responsive and Colorful Web Application which helps CSS Designers to Learn RGB Color Coding.

PostgreSQL-Comparator - A Desktop Python Application for Comparing the Structural Differences to Present the User With a list of all the Discrepancies in Structure of Two Similar or Same PostgreSQL Databases Running under different or same servers.

TouristyChennai - A Web Application Developed using Node.js, Express.js and MongoDB for the Tourists to Chennai to View All the Must Visit Places in Chennai and Also for the Chennaites to Add All the Exciting Places.

Todo-App - A Simple Web Application built using jQuery for Developers to Add and Track their Todo Tasks in their Daily Routine.

DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge.

DATE: 13/06/2018

PLACE: CHENNAI

Karthik Ruthiravelu.