Karthik Ruthiravelu

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SUMMARY:

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.

Developed a web application using Node.js, React.js, Express.js and MongoDB for the internal team to communicate and co-ordinate daily tasks in the development process.

Developed reusable desktop applications in Python and Java to automate time consuming testing processes for the developed product.

Designed and Developed Data Models in PostgreSQL and HBase for a retail product named Optumera currently used by leading retailers around the world.

Administrated Hadoop and PostgreSQL Database servers.

EDUCATION:

B.E in Electronics and Communication Engineering**- 7.6/10 CGPA**, Easwari Engineering College (2012-2016).

SKILLS:

Backend	Node.js, Python and Core Java**.**
Frontend	React.js with Redux, HTML5, CSS3, JavaScript and jQuery.
Databases	PostgreSQL, MongoDB and Apache HBase with Apache Phoenix on Hadoop.
Cloud	Microsoft Azure, Heroku and AWS Cloud9.
Other Frameworks	Express.js, Passport.js, Mongoose, Bootstrap and Beginner Level in Angular 2+.
Tools	Visual Studio Code, Sublime Text, Git and Tortoise SVN.

PERSONAL PROJECTS:

RGB Color Game	A colorful web application for CSS designers to learn RGB color coding.
PostgreSQL Management Tool	A Python Desktop Application which has several modules to automate the Database Administration tasks of PostgreSQL Database.
Touristy Chennai	A blog exclusive for tourists to Chennai, developed using Node.js, MongoDB, Express.js and Embedded JavaScript Templating.
Dev-Connector	A social media web application exclusive for developers built using Node.js, React.js, Express.js and MongoDB.