

# SASHIRAJ CHANDRASEKARAN

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## SKILLS

- |                                    |                     |
|------------------------------------|---------------------|
| • Data Profiling                   | • Python            |
| • Data Extraction and Manipulation | • R                 |
| • Data Visualization               | • JavaScript        |
| • Scripting                        | • Visual Basic .NET |
| • Hadoop                           | • SQL               |

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## WORK HISTORY

**Application Developer**, Nov 2016 to Current

**Jil Creation Pte Ltd** - Singapore

- Experience in data analysis and visualization
- Transforming project data requirements into data models
- Coordinating statistical data analysis, design and information flow
- Standardizing data models to ensure data integrity
- Developing data analytics web pages using PHP, HTML, CSS and JavaScript

**Graduate Engineer**, Jul 2016 to Oct 2016

**Citadel Intelligent Systems** – Bangalore

- Collaborated with hardware teams to build Visual Basic .NET based windows application to perform continuity checks on aircraft cables
- Developed automation tool to parse text from PDF files and extract cable part numbers

**Trainee Engineer**, Dec 2013 to Jun 2014

**Real Time Tech Solutions** – Bangalore

- Managed installation, upgradation and deployment projects and executed client-side on-site testing for quality assurance approvals
- Developed python scripts for acceptance test procedures

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## EDUCATION

**Master of Information Technology**, 2016

**James Cook University** – Singapore

**Bachelor of Engineering**, 2013

**Visvesvaraya Tech University** – Bangalore

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## PUBLICATIONS

Chandrasekaran, S., & Song, I. (2016). Sustainability of Big Data Servers under Rapid Changes of Technology. *Lecture Notes in Electrical Engineering Information Science and Applications (ICISA)* 2016, 376, 149-15945

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## AWARDS AND CERTIFICATIONS

- Udacity Data Analyst Nanodegree
- Dean's List of Outstanding Students at James Cook University in 2015
- 8.5/9 on IELTS (International English Language Testing System) in 2014