

SASHIRAJ CHANDRASEKARAN

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SKILLS AT A GLANCE

Languages: JavaScript (NodeJS), Python

Cloud Systems: Amazon Web Services, Azure

Databases: MySQL, CosmosDB (MongoDB), Redis

Frameworks: Loopback, Express

Testing: Mocha, Postman, SoapUI

Dev Tools: Bitbucket, VSTS

WORK HISTORY

Application Developer Jil Creation Pte Ltd

Nov 2016 to Current
Singapore

- Designed and developed cloud-based microservices on Azure and AWS.
- Developed REST APIs using Express and Loopback NodeJS frameworks.
- Advocated the use of DevOps concepts in software development to streamline agile practices followed within the company, which reduced deployment time by 50%
- Managed Release Management on VSTS to automate deployment and release process for the team.
- Closely collaborated with business and client side sysops teams to implement better solutions
- Fostered the use of slack as main communication tool for efficient communication within the team, reduced internal emails by 30% and resulted in faster response time.
- Reduced expenses on cloud infrastructure by 60% by streamlining resources deployed on AWS and implementing IAM.

Graduate Engineering Trainee Citadel Intelligent Systems

Jul 2016 to Oct 2016
Bangalore, India

- 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 Real Time Tech Solutions

Dec 2013 to Jun 2014
Bangalore, India

- Developed python scripts for acceptance test procedures

EDUCATION

Master of Information Technology, 2016
James Cook University – Singapore

Bachelor of Engineering, 2013
Visvesvaraya Tech University – Bangalore

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