KATIKI SAMBASIVA RAO

Cloud Engineer

SKILLS

Programming
Python, Java, Node JS, C#, SQL

Technologies
AWS, IoT, AWS Greengrass, AWS Serverless, Linux, Docker, Django, OAuth, Databases, SAML, Flask, REST API, Flask Restful, ActiveMQ, Redis, JIira

Expertise
Internet of Things, Cloud Architecture, AWS IoT Serverless, DevOps, Web Applications, Authentication & Authorization, Full Stack development

GitHub
sambasivaraokatiki (K Sambasiva Rao) (github.com)

LinkedIn
Katiki Sambasiva Rao | LinkedIn

Certifications
AWS Certified Solutions Architect – Associate - Credly

CONTACT

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+91 9493960240
+91 7207549756

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sambasivarao.ts@outlook.com

HOBBIES

Walking
Exploring new technologies

EDUCATION

Gayatri Vidya Parishad College of engineering (Regional Rank 1)| 2013 - 2017
Graduated with 77 percentage.

WORK EXPERIENCE

Amazon Web Services: Cloud Engineer | 2019–Present
Team: IoT, Serverless
Providing end to end architectural solutions, serverless architecture design and implementations for AWS customers. Subject matter expert in AWS IoT services and working with different AWS services and integrating them to design solutions for achieving the use-case.
Primary Skills: IoT, Greengrass, AWS IoT, Serverless, EC2, Infrastructure as Code, AWS(20+ services), Python, Linux, VPC

TCS: Developer IoT | 2017–2019
Team: IoT R&D
Building IoT solutions for medical devices to communicate with servers designed, designed dashboards which shows the analyzed data from the devices. Worked on cloud architecture design and developed a full stack web application to manage device, user data.
Primary Skills: Python, Django, Flask, REST API, OAuth, ActiveMQ, JMS, Jira, Redis, MySQL, JS, GIT

PROJECTS

Q-Base – IoT
About: Collecting medical reports from the Q-Base devices using a web server installed on an IoT Gateway. Web server will process the report and send it to cloud, the mobile application will receive the same when requested the server.
My role: Designing web server which connects with Q-Base device, mobile application and sends report to cloud using ActiveMQ and JMS.
Skills: Python, Flask, ActiveMQ, JMS, Jira

Remote Monitoring System – IoT
About: Designed a full stack web application to communicate with different wearable devices/APIs(like, Strava, FitBit, Polar, Misfit etc) and get activity details. This application integrated with interactive dashboard to view the collected data.
My role: Designed full stack application using Django, configured OAuth clients to integrated with wearable APIs.
Skills: Django, OAuth, Flask, REST API, Full Stack development, GIT