Lokesh Sanapalli

SENIOR SOFTWARE ENGINEER

Profile

Software Engineer for the past 6 years, solving different problems using different technologies. Passionate about problem solving, developing software products for the millennials. Excellent in data structures and algorithms, web technologies and system design. Have expertise in building highly scalable distributed systems, building backend REST APIs, building frontend UI etc...

Employment History

Software Engineer II, Akamai, Bengaluru

MAY 2018 — PRESENT

- Playing the role of full stack developer by working on backend, frontend and devops
- Worked on Kafka Streams, Mesos and Hadoop for the data pipeline POC
- Designed the architecture of Report Automation Engine (RAE) with multiple micro services and data aggregation flow. RAE is a tool for SSPs to view/edit/send reports to customers
- Worked on the development of RAE for generating different kinds of reports (TSR, MSR, CBR and so on) in different formats (web, PPT and PDF) by aggregating data from multiple sources
- Implemented PPT report generation using python libraries and shipped multiple microservices for report generation
- Scaled celery to process more number of reports
- Worked on Angular 7 to implement different features for report generation

Software Engineer II, Bigbasket, Bengaluru

NOVEMBER 2016 — MAY 2018

- Played the role of full stack developer by shipping new features and enhancements using django and angularjs
- Developed new features for the customer and internal teams
- Implemented critical features like cancellation charges, dashboards and reports
- Optimized and rewrote many APIs, improved reliability and performance of infrastructure with the help of newrelic and aws
- Worked on DB Pruning project which minifies the size of AWS RDS databases for QA environments there by saving thousands of dollars per month

Software Engineering Intern, Knab Finance, Bengaluru

AUGUST 2016 — OCTOBER 2016

- Worked on creating workflows to scrape leads data from websites like tradeindia using python
- Implemented dashboards with AngularJS for sales team to better manage their leads
- Worked on automating google sheets to improve workflows
- Worked on creating AWS Lambda micro services

Asssociate Software Engineer, Cigital (Acquired by Synopsis), Bengaluru

NOVEMBER 2015 — JUNE 2016

- Fixing bugs and implementing new user stories.
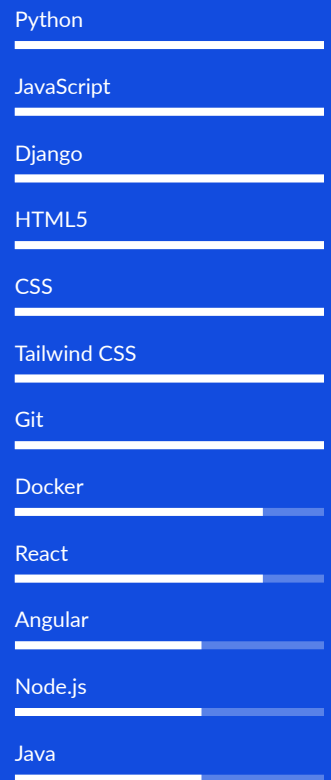- Writing automated test cases using selenium and java.

Details

Bangalore
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Links

Twitter

Linkedin

Blog

Skills

Python

JavaScript

Django

HTML5

CSS

Tailwind CSS

Git

Docker

React

Angular

Node.js

Java

Associate Software Engineer, Techmahindra, Hydereabad

JULY 2015 — OCTOBER 2015

Education

B.Tech (Computer Science), RGUKT - IIIT Nuzvid, Nuzvid

SEPTEMBER 2009 — MAY 2015

6 years integrated PUC and B.Tech in Computer Science

Projects

Report Automation Engine, Akamai

MAY 2018 — PRESENT

In Akamai, Worked on an internal tool for SSPs to view/edit/send reports to customers. There are multiple types of reports such as Web, PPT and PDF. There's a web portal where the user selects the report type, configuration, then the user goes through the report preview in the web, then inputs the comments, selects/deselects the sections he desires. Users can also request for a PPT/PDF which will be uploaded to netstorage (like AWS s3) through a micro service.

DB Pruning, Bigbasket

NOVEMBER 2016 — MAY 2017

In bigbasket, played a crucial role in a major project called 'DB Pruning'. Generally, production databases are in terabytes, if we use the same databases in QA, it'll cost an arm and leg. To save AWS costs, we are asked to implement a minified version by keeping the relationships intact. Have implemented by using graph algorithms and python.

Open Source

JANUARY 2017 — PRESENT

Have made several open source contributions to repos python-pptx, django-silk etc... Have also done several fun projects such as chat app, cash in wallet etc...

References