SRI RAGHAV BOBBURI

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PROJECTS

Process Trending Dashboard *Flask (web framework), Python, Postgres (database), Docker (containerization tool)* https://github.com/raghavbobburi15/FlaskProject
Developed a Flask web-based dashboard to visualize data from a Postgres database with four series (Temperature, pH, Distilled Oxygen, and Pressure) over time, allowing users to select a time window and download data as a CSV file. Used Docker to configure the project and Postgres database.

Classroom Reservation System *Express JS, React JS, MongoDB*
Created Use Case, Activity and Class diagrams (UML). Developed the web application using ReactJS for front-end, NodeJS for back-end with asynchronous APIs, and MongoDB as a database.

EXPERIENCE

ServiceNow Hyderabad, India
Software Development Engineer(Cloud) July 2019 - July 2022

- Instance Backup Size Estimation project: Developed a data-driven non-linear model, XGBoost, to estimate backup size, resulting in reduced retries and more optimized estimations.This optimization process reduced the consumption of backup servers by 15-20%.

- Developed Persona Access Granting Automation (PAGA) application to enable application owners to manage access/security of their applications more efficiently and flexibly.Helped reduce the manual DevOps activities by 30%.

- Implemented a project to automate updating ServiceNow CMDB data after spinning up Amazon EC2 instance in AWS Cloud.

- Held On-call responsibilities and addressed several P1 incidents every alternative week to represent my team deployments.

Cognizant Chennai,India
Associate (Full Stack Developer) Aug 2018 - June 2019

- Developed an Impact Portal for Lincoln Financial Group which provided deployment logs from 50-60 projects involved in GitLab (Enterprise) and XLDeploy.

- Generated YAML files for applications and pushed them to project branches in GitLab. Created user management screens and display login metrics widgets.

- Built a Deployment Window time feature with an API call to check the time of application deployment.

- Received positive appraisal from client upon successful deployment.

SKILLS

Programming Languages:	Java, Python, C++, SQL, JavaScript, Angular 7, HTML, CSS
Framework and tools::	SpringBoot, ServiceNow, Splunk, Postman, AWS, React JS, Flask, Git

EDUCATION

Arizona State University Tempe,AZ,USA
Masters in Computer Science Aug 2022 - May 2024

National Institute of Technology, Allahabad Allahabad,India
B.Tech in Electronics and Communication Engineering July 2014 - May 2018

AWARDS

Cognizant Hackathon '19 finalist
Executed a POC named: "Blockchain-based Smart contracts in Insurance Claim management" in Cognizant Hackathon '19.