



Sai Krishna Nooka

Lead Software Engineer

Results-oriented Lead Software Engineer with around 7 years of experience in Python, Django, Flask, FastAPI, AWS, and ReactJS. Skilled in handling multiple projects concurrently while consistently delivering valuable, optimized, and cost-effective solutions. Passionate towards Full-stack development, bringing a resourceful and adaptable to tackle various challenges effectively.

Experience

2022/10 - Current

Kellton Tech

Lead Software Engineer

- Efficiently documented Python projects using Sphinx.
- Successfully deployed Python project on EC2 instance.
- Crafted business intelligence dashboards with Plotly Charts in Dash, including sophisticated analysis models.
- Generated various charts within Dash and handled data retrieval from Tibco EMS queue for analysis.
- Converted Java code to Python, built REST APIs with Django, and automated deployments using Docker, Jenkins, and GitHub CI/CD pipeline.
- Actively participated in Agile ceremonies for collaborative development.
- Authored comprehensive unit test cases and automated deployments with Docker, Jenkins, and GitHub CI/CD pipeline.

2021/04 - 2022/10

Optum Global Solutions - UHG

Senior Software Engineer

- Led the development and maintenance of microservices and frameworks, using Python, ReactJS, and Golang.
- Transformed a monolithic app into microservices using Terraform and AWS
- Effectively devised and implemented a robust monitoring tool, proficiently capable of overseeing and managing resources across diverse cloud platforms, including AWS, Azure, and GCP
- Engineered a dynamic notification system with ETL jobs.
- Designed captivating React graph components for data visualization.
- Played an integral role in conducting thorough **code reviews**, offering constructive feedback and guidance to elevate the quality of the codebase
- Flawlessly embraced the role of a **mentor**, proactively sharing knowledge and delivering steadfast guidance to new team members throughout their pivotal onboarding journey
- Collaborated with the **Product Owners** to prioritize Epics and User Stories to align with project goals and objectives
- Substantially contributed to the implementation of **Selenium** automation scripts, enabling the execution of code in dynamic real-time environments

2017/12 - 2021/04

ValueLabs

Senior Software Engineer

- Developed REST APIs for seamless communication between portals, ensuring efficient data exchange.
- Implemented backend business logic for customer and provider portals, ensuring optimal functionality.
- Proficiently handled PostgreSQL queries, seamlessly integrating data into models.
- Created user-friendly CMS pages using Django CMS for efficient content management.
- Integrated internationalization and bulk status updates, enhancing user experiences.
- Optimized Django Admin search for improved performance and user satisfaction.
- Engineered a feature-rich Chrome extension and visually captivating UI components with ReactJS.
- Automated Synnex billing processes, resulting in significant budget savings.
- Executed proofs of concept and collaborated throughout the development lifecycle.
- Managed error-free code deployments across environments and built reusable automation frameworks for efficiency.

Contact



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Education

2013 - 2017: Bachelor of Technology
Vellore Institute of Technology (VIT)

Expertise

- Python, Django, CMS, Flask, Plotly, GUI, Machine Learning, Dash, Fast API, Pandas, Numpy, Celery, Sphinx, Selenium, DRF, Pug/Jade and Pytest
- React Js, Redux, Angular and VueJs
- HTML, CSS, Bootstrap, JavaScript, jQuery, MUI, Charts and Ajax
- DevOps, Docker, Terraform, AWS, s3, Dynamo DB, Lambda Services, ECS, API Gateway, SQS, SNS, Aurora PostgreSQL, Cloud Computing, EC2, Azure and GCP
- PostgreSQL, MySQL, MongoDB, Elastic Search and Redis
- Web Designing and Development
- VS code, PyCharm and Anaconda
- GitHub, Git, CI/CD pipeline, Docker, Jira, Agile, Bash, Nginx, Apache2, IIS, Jenkins, Linux, Mac and Windows
- Data Science with R and Python, Tableau, Google OCR and Excel

Awards

- Received 'Star of the year' - ValueLabs
- Nominated for 'Best Team of the year' in Optum

Personal Details

- **Date of Birth:** 15 March, 1996
- **Languages known:** English, Hindi and Telugu