Sujith Uday

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Summary

Seasoned Python Developer with over 7 years of experience specializing in web development, data analysis, and automation. Proficient in designing and implementing robust, scalable applications using Django, Flask, and Java Spring Boot. Master in DevOps practices, with extensive experience in CI/CD pipelines, containerization, and cloud services. Committed to writing clean, maintainable code and adopting best practices in software engineering. Experienced in collaborating with cross-functional teams to deliver high-quality software solutions that meet business objectives.

Experience

5datainc

Senior Python Developer   06/2023 - Present

Spearheaded the development of Python backend using the Flask framework, resulting in robust and scalable APIs for various applications.
Collaborated with cross-functional teams to design and implement backend solutions that met specific project requirements and business needs.
Utilized Kafka for building event-driven architectures, enabling efficient data streaming and processing across applications.
Integrated and worked with Apache Airflow for managing complex workflows and data pipelines.
Designed and implemented ETL workflows using Apache Airflow, automating data extraction, transformation, and loading processes.
Developed Python applications to consume and process data from Kafka topics, handling large volumes of data efficiently.
Utilized Airflow's Directed Acyclic Graph (DAG) to define complex workflows and dependencies.
Developed custom Airflow operators and sensors for integrating with different data sources and systems.
Orchestrated the execution of ETL jobs across distributed environments.
Implemented authentication and authorization mechanisms to ensure secure access to
APIs and sensitive data. Contributed to the development of microservices and serverless architectures, enhancing application modularity and scalability.
Actively participated in code reviews, providing valuable feedback to enhance code quality, maintainability, and performance.
Led and mentored junior developers, fostering a collaborative and knowledge-sharing environment within the team.
Utilized DevOps practices to automate and streamline development and deployment processes.
Stayed up-to-date with the latest advancements in Python and backend development, ensuring the adoption of best practices and emerging technologies.
Project Highlights:
Designed and implemented a real-time data processing pipeline using Kafka as the messaging system, ensuring scalability and high availability.
Utilized Kubernetes for container orchestration, optimizing performance and resource utilization.
Developed Python applications to consume and process data from Kafka topics, handling large volumes of data efficiently. Designed and implemented ETL workflows using Apache Airflow, automating data extraction, transformation, and loading processes.
Utilized Airflow's Directed Acyclic Graph (DAG) to define complex workflows and dependencies.
Developed custom Airflow operators and sensors for integrating with different data sources and systems.
Proficient in PostgreSQL database management and administration.

KloudPortal

Senior Software Engineer   05/2022 - 06/2023

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Divum Technologies Pvt. Ltd

Senior Application Developer   05/2021 - 05/2023

Led the development of robust and secure APIs using Python and Flask, ensuring seamless integration with diverse projects. Conducted thorough API testing using Postman and automated test suites, validating functionality and performance to deliver high-quality solutions. Implemented access token mechanisms to enhance API security and authentication, ensuring data integrity and protection. Developed scalable and maintainable backend components using the Java Spring Boot framework, optimizing performance and facilitating future enhancements. Collaborated closely with frontend developers to ensure seamless API integration and a cohesive user experience. Managed SQL server databases, handling data extraction, modification, and maintenance tasks to support critical application requirements. Optimized PostgreSQL databases for efficient data storage, retrieval, and query performance, ensuring optimal application responsiveness. Implemented and administered high-availability Couchbase clusters, enabling seamless scalability and fault-tolerance for mission-critical applications. Designed and executed disaster recovery strategies for PostgreSQL, minimizing downtime and data loss during emergency scenarios. Developed data validation scripts in PostgreSQL, enhancing data integrity and accuracy across multiple database instances. Coordinated with cross-functional teams, including Cloud Architects, Data Teams, QA, and App Teams, to support complex application deployments. Conducted performance tuning and optimizations for both PostgreSQL and Couchbase databases, improving application responsiveness and user experience. Mentored team members and conducted knowledge sharing sessions on best practices in PostgreSQL and Couchbase administration. Resolved complex database-related issues and incidents, ensuring uninterrupted service and minimal disruptions to critical business processes. Implemented effective backup and recovery strategies for both PostgreSQL and Couchbase, safeguarding critical data and minimizing potential data loss. Contributed to the design and architecture of new features and functionalities, leveraging the capabilities of PostgreSQL and Couchbase to deliver innovative solutions. Utilized DevOps practices to automate and streamline development and deployment processes, improving efficiency and productivity.

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Amazon

ERC Senior Associate   04/2020 - 05/2022

Managed high volumes of employee queries using the Panorama/Trouble Ticketing system, ensuring timely and accurate resolution of complex software-related issues regarding policies, benefits, attendance, and payroll deductions. Consistently delivered high-quality responses within established timeframes, maintaining a strong focus on customer satisfaction. Proactively identified process improvement opportunities and actively participated in KAIZEN and LEAN initiatives, resulting in increased efficiency and streamlined operations. Utilized Six Sigma methodologies to analyze software data, identify areas for improvement, and implement enhancements to HR applications. Maintained clear and concise communication with employees, ensuring a thorough understanding of their needs and providing effective solutions. Consistently adhered to quality standards, ensuring accuracy and professionalism in all interactions and responses. Demonstrated a commitment to continuous learning and professional development, staying updated with the latest HR software and industry trends. Diligently proofread all communications and documentation, ensuring they were error-free and conveyed the intended message effectively.

Tracxn

Research Analyst   12/2019 - 05/2020

Demonstrated a deep understanding of the Tracxn platform, utilizing software tools and data analysis techniques to gain comprehensive knowledge of data sources and research tools. Leveraged strong research and analytical skills to deliver high-quality and timely software outputs for client requests, ensuring adherence to pre-defined formats and requirements. Utilized Excel formulas and data science techniques to analyze data, derive insights, and provide accurate and actionable information to support client needs. Developed and implemented data analysis scripts to automate data processing tasks, significantly improving efficiency and productivity. Proactively sought feedback from both the Manager and clients on software-related aspects, continuously improving software output quality and effectively meeting client expectations. Proficiently utilized data visualization tools such as Tableau to visually present software research findings and insights, enhancing their appeal and impact. Maintained clear and concise documentation of research processes and findings, facilitating knowledge transfer and ensuring consistency in reporting. Collaborated with cross-functional teams to troubleshoot and resolve network issues, ensuring smooth and uninterrupted network operations.

Microland Limited

Network Administrator   08/2017 - 05/2019

Configured and optimized LAN/WAN infrastructures, ensuring seamless connectivity and efficient data transmission by setting up routers, switches, and firewalls. Implemented Quality of Service (QoS) policies to prioritize critical traffic, resulting in improved network performance and reduced latency. Diagnosed and resolved hardware issues, such as faulty network cards, switches, and cables, minimizing downtime and maximizing network reliability. Conducted thorough software troubleshooting, identifying and fixing issues in operating systems, network applications, and security software. Managed network protocols, including TCP/IP, DNS, and DHCP, ensuring proper configuration and reliable service delivery. Implemented DNS caching and DHCP failover for redundancy and high availability, ensuring uninterrupted network services. Utilized network monitoring tools like Nagios and SolarWinds to proactively monitor network performance metrics, such as bandwidth utilization, latency, and packet loss. Proactively addressed potential issues to prevent network disruptions and optimize performance, ensuring a stable and

developing robust back-end components using Python frameworks such as Django and Flask. Proficient in designing and implementing RESTful APIs for seamless integration with web services and third-party platforms. Skilled in optimizing code performance through efficient data structures, algorithm design, and asynchronous programming techniques. Demonstrates expertise in database management, including SQL and NoSQL databases, for scalable and high-performance applications. Proven track record of utilizing containerization technologies like Docker for application deployment and orchestration. Strong understanding of software development methodologies, version control systems like Git, and continuous integration/continuous deployment (CI/CD) pipelines for automated testing and deployment processes. Collaborative leader with a focus on driving technical excellence, fostering innovation, and delivering high-quality solutions that meet business objectives.s

Skills

Process Automation, Project Planning and Management, System Design and Architecture, API Development and

Security, Microservices and Serverless Architectures, Event-Driven Architectures (Kafka), Workflow Management (Apache Airflow), Container Orchestration (Kubernetes), Code and Quality Standards, Cybersecurity Analysis, Software Quality Assurance, Linux Environments, Technical Analysis, Data Validation and Integrity, Database Management (PostgreSQL, CouchDB, SQL Server)

Education

Master's in Devops

Simplileran Bengaluru, KA   01/2024

Bachelor of Engineering in Telecommunication

CMRIT Bengaluru, KA   08/2018

Certificates

Google Cloud Core Infrastructure certified, Terraform Fundamentals, GoDaddy certified web architect, Red Hat Certified Architect: DevOps, MongoDB Certified Developer, Associate (C100DEV), Java springboot, Implementing Microsoft Azure Infrastructure Solutions, Python for Data Science and AI, AWS Cloud technology fundamentals, Aws solution architect

Awards

Best Employee Amazon, Award for Recognition 5datainc , Award for Contribution Kloudportal, Employee of Month Divum