

Nikith Kumar N J

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Experience

SOFTWARE ENGINEER | Chesa Dental Care

JULY 2024 – PRESENT

Experience with Git, Jenkins, AWS, and maintaining hosted applications:

- Developed and managed CI/CD pipelines using Jenkins for seamless application deployment from Git repositories, ensuring efficient and error-free updates.
- Maintained and optimized AWS infrastructure to host applications, leveraging services like EC2, S3, and RDS for high availability, scalability, and performance.
- Implemented robust monitoring and maintenance strategies for hosted applications, ensuring reliability and quick resolution of any issues to maintain optimal performance.

Working with SAP Business One Service Layer:

- SAP server Log File Rotation and Archiving: Implemented automated log file rotation and archiving strategies to optimize disk space and enhance system performance. Hands on Experience with LINUX.
- Backup and Integrity Assurance: Developed and maintained automated backup systems for log files, ensuring data integrity and availability for troubleshooting.

IT ENGINEER | Hitachi India Pvt Ltd

FEB 2024 – JULY 2024

Technical Support and System Administration:

- Delivered comprehensive technical support and system administration services, ensuring smooth operation and minimal downtime.
- Hardware and Software Maintenance: Managed the maintenance and troubleshooting of hardware and software, ensuring systems are up-to-date and functioning efficiently.
- IT Infrastructure Management: Oversaw the entire IT infrastructure, including documentation and asset management, to ensure organized and efficient IT operations.
- Security and Backup Protocols: Implemented security awareness programs and robust backup/disaster recovery protocols to safeguard data and ensure business continuity.

Education

Master of Computer Applications (MCA)

Atria Institute of Technology, Visvesvaraya Technological University,
2023 | CGPA: 6.62

Bachelor of Computer Applications (BCA)

KLE Society's Degree College, Bangalore University,
2021 | CGPA: 6.54

Technical Skills

- Languages: Python, JavaScript.
- Web Development: HTML, CSS, React.js.
- Office Package: MS-Excel, PowerPoint, Word.
- CI/CD: Jenkins, AWS Code Star, AWS Code Pipeline, Azure.
- Version Control Management: Git, GitHub.
- AWS Tools: EC2, S3, Security Group, Key pair, VPC, IAM, SNS.
- Webserver: Apache Tomcat.
- Databases: MySQL.

Projects

- **Packet Switching and Packet Loss**

Technology: Networking

Description: Explored packet switching in computer networks where data is broken into small packets for efficient transmission. Addressed issues of packet loss due to network congestion, hardware failures, or routing issues.

- **Jenkins Integration with GitHub, Maven, and Tomcat**

Technology: DevOps

Description: Gained experience in CI/CD by integrating Jenkins with GitHub, Maven, and Tomcat. Worked on Jenkins Build Pipeline and AWS Cloud for continuous delivery and deployment. Improved code deployment processes with AWS Code Pipeline and SNS for real-time notifications.

- **CI/CD Pipeline Development and AWS Infrastructure Management**

Technology: DevOps

Description: Developed and managed CI/CD pipelines using Jenkins for seamless application deployment from Git repositories, ensuring efficient and error-free updates. Maintained and optimized AWS infrastructure to host applications, leveraging services like EC2, S3, and RDS for high availability, scalability, and performance. Implemented robust monitoring and maintenance strategies for hosted applications, ensuring reliability and quick resolution of any issues to maintain optimal performance.

Certification

FULL STACK DevOps | DevOps Academy

- Acquired expertise in developing and managing CI/CD pipelines using Jenkins, GitHub, Maven, and Tomcat, ensuring streamlined and error-free application deployments. Gained experience with Azure DevOps for implementing CI/CD pipelines in a cloud environment.
- Gained hands-on experience in maintaining and optimizing AWS infrastructure, including services like EC2, S3, and RDS, to support scalable and high-performance application hosting.
- Learned to improve code deployment processes with AWS Code Pipeline and SNS for real-time notifications, and implemented robust monitoring strategies to enhance application reliability and performance.

Personal Information

Name : Nikith Kumar N J
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I hereby declare that all the information provided above is true to the best of my knowledge and belief.

Nikith Kumar N J