

SANDEEP GUGGILLA

Software Engineer Vancouver, Canada

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PROFILE

I am a Software Engineer, Experienced in implementing CI/CD pipelines and managing DevOps Toolchains. My expertise includes Configuration Management, Infrastructure Management, System Administration, Process Automation and Monitoring. I enjoy optimizing development workflows and collaborating with cross-functional teams.

Additionally, I'm skilled in both full-stack development and UI/UX design, so I can be helpful throughout the software development process.

I love to read and take pictures. I'm passionate about art, architecture, code, and coffee.

EXPERIENCE

Software Engineer, Techwave

Hyderabad, India

Oct, 2020 - Apr, 2023

- Responsible for designing and implementing CI/CD and DevOps processes for esteemed clients of an American multinational financial services company
- Handled tasks involving builds, deployments, upgrades, migrations, and release management.
- Created Ansible playbooks for application installations, configurations, databases, and networking setups.
- Participated in the CI tool migration from TeamCity to Jenkins, ensuring the smooth operation of build jobs on Jenkins.
- Configured and automated multi-branch job pipelines in Jenkins using Jenkins shared libraries and various supported plugins.
- Automated deployment processes for multiple applications across various environments, from development to production.
- Implemented and automated complete CI/CD processes using DevOps tools such as Git, Cloudbees Jenkins, JFrog Artifactory, Ansible Tower, and Prometheus.
- Worked on various tasks with AWS services like EC2, IAM, and networking responsible for setting up and maintaining Kubernetes clusters, including the creation of templates for Docker containers, pods, nodes, deployments, config maps, and other necessary components.
- Managed projects using Atlassian JIRA, implementing Agile methodologies to ensure effective project execution.
- Worked extensively with Salesforce, utilizing it for support activities within the organization.
- Facilitated excellent client interactions and promoted knowledge sharing among diverse teams.
- Diligently maintained precise documentation of software information.
- Worked diligently to ensure customer satisfaction while adhering to SLAs, established work processes, and maintaining high service quality standards.

Software Engineer Trainee (Internship), Techwave

Hyderabad, India

Dec, 2019 - Mar, 2020

- Responsible for creating and managing the CI/CD procedures for a FinTech project.
- Automated application deployment with Jenkins as the CI tool.
- Wrote Dockerfiles for simplified application deployment.
- Worked with AWS services like EC2 and IAM to deploy the application efficiently using Docker.
- Configured Nginx to handle traffic

- Created GitHub branching strategies and policies

TECHNICAL SKILLS

- **Programming Languages:** Python, Shell Scripting, C, Java and JavaScript
- **Development Frameworks:** React.js, Express.js, React Native and Node.js
- **Cloud Technologies:** AWS
- **Containerization:** Docker, Kubernetes
- **Configuration Management:** Ansible
- **Version Control System:** Github, BitBucket
- **Continuous Integration Tools:** Cloudbees Jenkins, TeamCity, and GitHub Actions
- **Repository Management:** JFrog Artifactory, Nexus
- **Operating Systems:** Linux, Windows, and macOS
- **Database:** MongoDB, Oracle, MySQL, IBM Db2, PostgreSQL and Firebase
- **Tracking & Ticketing:** Agile methodologies, Jira, Trello and Salesforce
- **Monitoring:** Prometheus, Grafana, Nagios
- **Servers:** Nginx, Apache HTTP, and Tomcat
- Other skills include WordPress, UI/UX Design, Figma, and Adobe Creative Suite

EDUCATION

Post Graduation in Web and Mobile App Design and Development

Vancouver, Canada

May 2023 to Sept 2024 from Langara College

Bachelor of Technology in Computer Science and Engineering

Nirmal, India

Jul 2016 to Sept 2020 from RGUKT Basar

PERSONAL PROJECTS

AlertMe

Vancouver, Canada

May 2024 to Aug 2024

AlertMe is a mobile app that warns users of nearby construction sites, road work, or blocked paths. Users can post and review hazards, while construction workers can create alerts and confirm reported incidents, enhancing safety.

TechStack: React Native, Expo CLI, Django, Geo Django, Docker, Postgres, AWS, Nginx and GitHub Actions

Feedwise

Vancouver, Canada

Jan 2024 to Apr 2024

Feedwise is a web application built to help farmers efficiently manage their cattle-feed inventory. Offering real-time insights and an intuitive interface, it enables streamlined inventory control, promoting smoother operations and healthier livestock.

TechStack: ReactJS, TypeScript, ExpressJS, NodeJS, MongoDB and TailwindCss

FreshPicks

Vancouver, Canada

Sep 2023 to Dec 2023

FreshPicks is a web application designed to help consumers discover local markets offering fresh produce from nearby farms. With its user-friendly interface and real-time updates, FreshPicks connects communities with the freshest, locally sourced products, promoting healthier choices and supporting local agriculture.

TechStack: Javascript, TypeScript, and Firebase