VRAJ BHATT

New Jersey, United States

📞 732-320-6490 ✉ vrajjbhatt@gmail.com in Vraj Bhatt ⭘ Vraj Bhatt

Green Card Holder (GC)

INTRODUCTION

Engineer with 4.5+ years of experience building in and optimizing cloud-native systems through automation, monitoring, and scalable architecture. Strong background in Kubernetes, multi-cloud environments, and DevOps practices, with a proven record of improving reliability, reducing costs, and delivering consultative solutions for U.S.-based and global clients. Skilled at bridging technical teams and business stakeholders to align infrastructure strategy with operational goals.

PROFESSIONAL EXPERIENCE

DevOps Engineer   **May 2025 – Aug 2025**
Anblicks Inc   **Remote**

- Serving USA-based clients by managing and optimizing large-scale AWS and Kubernetes infrastructure handling 5+ production clusters and 18 lower-environment clusters with 50+ microservices.
- Implementing KEDA-based event-driven autoscaling for microservice consumers based on RabbitMQ queue length, reducing average idle compute usage by 30% and cutting unnecessary pod deployments by 40% during low-traffic periods.
- Enhancing observability and reliability with Prometheus, Grafana, and ELK integrations, improving incident detection time by 40% and reducing MTTR from 2 hours to under 45 minutes.
- Applying AWS cost-optimization strategies, including rightsizing and storage tiering, to improve resource efficiency and operational scalability.
- Collaborating with USA-based clients and the India offshore team to maintain and evolve CI/CD pipelines, increasing deployment frequency by 50% and maintaining 99.99% uptime.

DevOps Engineer (L3)   **July 2023 – May 2025**
Anblicks Inc   **India**

- Performed POC to gain exposure to Red Hat OpenShift for basic understanding of container orchestration and platform usage.
- Leveraged expertise in full-stack development, DevOps, and AWS Solutions Architect certification to deliver versatile technology solutions.
- Automated the ELK stack with Fluent Bit for Kubernetes monitoring, reducing team effort by 20% and boosting developer productivity by 20%.
- Deployed Prometheus and Grafana on AWS EKS to monitor Kubernetes clusters, enhancing observability and system reliability.
- Developed Python scripts with Boto3 for analyzing Amazon RDS slow query logs, optimizing database performance.
- Created a custom Python Lambda layer for forwarding AWS Lambda logs to ELK, cutting CloudWatch logging costs by 30%.
- Implemented a CI/CD pipeline that halved deployment times and led smooth quarterly releases with 99% SLA uptime.
- Enhanced observability mechanisms, improving data-driven decision-making and system reliability.
- Directed a team to improve system uptime from 98% to 99.9% through effective monitoring and incident management.

Software Engineer (Full stack + DevOps)   **April 2022 –June 2023**
Bosc Tech Labs   **India**

- Designed and developed web application for crypto token platform with different functionalities and integrations. Build and deployed on AWS with Scalable Architecture.
- Implemented Version Control, CI/CD, Serverless architecture for hosting Next JS based application on AWS Amplify with CI/CD and GitHub actions. Also, a Python based backend was hosted using AWS Beanstalk with a totally serverless approach.
- Handled all the design and development and took leadership role efficiently in a team of 4 members
- Developed scalable and robust React Native based social media music app like YouTube having different functionalities same as YouTube having 1K+ download. Leveraged React Native, Node.js, MySQL, and AWS services such as EC2, RDS, and S3.
- Engineered a robust API architecture using TypeScript which reduced latency by an impressive average of 200 milliseconds; enabled seamless integration with third-party services ensuring reliable data exchange for critical application features.
- Installing and setting up Let's encrypt SSL/TLS certificate, hosting and managing infra using Apache and nginx etc.

Jr. DevOps Engineer   **January 2021 –April 2022**
Anblicks Inc   **India**

- Explored and Implemented Various DevOps Tools such as GIT, Ansibles, Docker, AWS, Azure DevOps, Jenkins, RHEL, Terraform etc.

- Executed a live project using Infrastructure as Code (IaC) principles, implementing build, automation, and scaling solutions on the cloud with AWS CloudFormation, CodePipeline, CodeBuild, CodeCommit, and CodeDeploy.
- Also worked as 24X7 rotational shift support for client as part of maintaining SLA up to 99.9%
- Worked as SRE to perform multiple deployment and maintenance support for product-based client based in USA.

Data Science Engineer Intern   June 2020 –August 2020
Nuclei Technologies   **India**

- Explored 3 key plots such as Data Cleaning, Feature Engineering, and Feature Selection and worked on traditional Datasets.
- Executed various datasets like Bigmart having 5681 rows.
- Conducted various model fittings and other operations, including performing extensive data analysis and optimization tasks.

PROJECTS

BUILD, AUTOMATE AND SCALE ON CLOUD (DevOps)

To automate the process of which requires devops skills and operations including Continuous Integration,Continuous Deployment and Delivery, Auto Scaling,Load Balancing, Monitoring, Version Control System Etc.
Tech Stack: *JSON | AWS | CI/CD | Web Technology (MERN Stack), Red Hat Ansible, Terraform, AWS Cloud Formation, AWS Code Pipeline, AWS Code Deploy, AWS Code Build, AWS Code Commit*

CoviDist Social Distance Smart Band — Wrist Band

Build Hardware IoT Device — Wrist Band which can Detect human in Certain Range and give a Buzzer Alert when distance range is broken which can prevent to increase chain during Covid-19 pandemic and break the chain.
Written and presented Research Paper on the same Project along with Springer. **Link**
Tech Stack: *IoT | Arduino | C++*

Organization Portfolio Information System

Using financial market data to show the user which companies are doing great things for our environment.
This Application contains details & reviews of companies & their brands that allows consumers to make their choice better according to their preferences for products or services
Tech Stack: *- NextJS , Python, PostgreSQL, AWS Amplify, AWS Beanstalk*

TECHNICAL SKILLS

Languages: C++ (STL), Java Script, Bash, Node JS, Type Script, React JS, React Native, Python, Go, Rusty
Core: Data Structures, Algorithms, Complexity Analysis, OOPS, DBMS, OS, SQL
Tech Stack:NodeJS, SQL,Neo4j,NoSQL Version Control (GitHub, Git),Mongo DB, HTML/ CSS, Terraform, Ansible, Cloud Formation, Red Hat Openshift, AWS, Azure DevOps, Jenkins, ELK, Prometheus, Grafana,Elastic, Boto3
Other:Googling, Cloud Consulting and Architecting, Development, OpenShift Container Platform, Data center, Red Hat, Azure, Linux, Security

CERTIFICATES/ACHIEVEMENTS

Certified Kubernetes Application Developer (CKAD)
Kubernetes and Cloud Native Associate (KCNA) K8s
AWS Certified Solutions Architect – Associate
Published Research Paper in Springer Journal
Chaos Engineering by Gremlin
Neo4J Certified Professional | Neo4j
Red Hat System Administration I & II (Certificate of Attendance)

EDUCATION

Institute of Technology, Nirma University   **Masters of Computer Applications - Computer Science, CGPA:8.59**
Kadi Sarva Vishwavidyalaya   **Bachelors of Computer Applications - Computer Science, CGPA: 9.37**