Adarsh Kumar

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Summary

I am Adarsh Kumar, a seasoned developer with a broad range of experience in both technical and non-technical areas. I have deep understanding of Javascript, React, Node, and Angular, and have extensive experience working with cloud computing platforms such as AWS, Azure, and GCP.

I am highly proficient in CI/CD and DevOps practices, and have a track record of delivering successful projects utilizing Jenkins, Github Actions, and Gitlab CI. My goal is to ensure the security, performance, infrastructure management, scalability, and deployment of all my projects.

I have expertise in both SQL and NoSQL databases and have hands-on experience with key technologies such as Docker, Kubernetes, Terraform, Ansible, and Puppet to deliver high-quality solutions.

My non-technical skills are equally impressive. I am a seasoned project manager, team lead, and mentor, and have a talent for client interaction, quality assurance, cost optimization, and team management. I am able to plan projects effectively and manage my time with precision to ensure that projects are delivered on time and to the highest standards.

Experience

Cloud & DevOps Engineer

Inspektlabs

Feb 2021 - Present (2 years 1 month)

1. AWS and Azure:

Implemented and managed multi-cloud infrastructure using AWS and Azure services including EC2, S3, VPC, RDS, and Azure Virtual Machines.
Designed and executed disaster recovery solutions to ensure high availability of the systems.
Configured and managed AWS security groups, roles, and policies.

2. Gitlab CI and Jenkins:

Set up Gitlab CI/CD pipelines for multiple applications, including build, test, and deployment stages.
Automated deployment processes using Jenkins and Gitlab CI, reducing the time and effort required for manual deployments.
Developed and maintained Jenkins jobs to automate the build and deployment process.

3. Managed team of engineers:

Led a team of frontend and backend developers, ensuring their work met the required standards and deadlines.
Mentored junior engineers, providing guidance and support to help them grow professionally.
Collaborated with the development team to streamline the development process, improving efficiency and productivity.

4. Pipeline management:

Designed and implemented the complete pipeline of code management, testing, and deployment.
Monitored and optimized the pipeline to ensure smooth and efficient delivery of code.
Implemented code reviews and testing to ensure code quality and stability before deployment.
5. Best DevOps practices:

Established and enforced DevOps best practices across the development team, including continuous integration, continuous delivery, and infrastructure as code.
Implemented a robust monitoring and alerting system to ensure system stability and availability.
Conducted regular training sessions to educate the development team on DevOps best practices and tools.

System Architect

Inspektlabs

Jul 2020 - Feb 2021 (8 months)
Designed and implemented highly available and scalable cloud architecture utilizing AWS and Azure.
Managed migration of multiple applications from on-premise to cloud, ensuring seamless transition and improved performance.
Conducted security assessments and implemented security measures to secure cloud infrastructure against cyber attacks.
Provided technical guidance to developers in integrating applications into the new cloud architecture, improving overall efficiency.
Managed a team of cloud specialists in executing tasks related to cloud and infrastructure management, ensuring consistent and efficient delivery.

Full Stack Developer

Inspektlabs

Oct 2019 - Jul 2020 (10 months)
Developed and maintained multiple websites, web apps, RestAPIs and microservices using Node.js, Python & Flask.
Built user-friendly and responsive frontends using Javascript, Typescript, React, Next.js, Vue and Angular.
Worked with a variety of databases including SQL, NoSQL (CosmosDB, DynamoDB, MySQL, MongoDB & SQLite) and storage solutions (Blob and Block Storage).
Utilized WebRTC, Socket and Video Streaming technologies to enhance the user experience.
Led a team of 3 developers in the development of 4 applications, ensuring on-time delivery and high quality.
Collaborated with clients to present use cases and guided them through the integration of their systems.
Designed the application architecture, including system scalability and working methodology, ensuring a smooth development process.
Conducted comprehensive planning of cloud resources, ensuring optimal cost and performance.

Machine Learning Contributor

CloudCV

Nov 2017 - Jan 2018 (3 months)
Designed and developed a range of AI/ML models and model layers for CloudCV's solutions, such as Fabrik and Origami.

Collaborated with cross-functional teams, including data scientists and software engineers, to integrate AI/ML models into CloudCV's products and services.

Open Source Contributor
FOSSASIA

Oct 2016 - Jan 2018 (1 year 4 months)

Contributed to a diverse range of open-source projects including web development, android app development, server management, data scraping, AI chatbots, backend development, application deployment, containerization, DevOps, and application testing.

Expertise in designing large-scale application architecture and implementing best practices for developers.

Mentored and provided guidance to junior developers, fostering a positive and productive community.

Collaborated with cross-functional teams in building high-quality applications and solutions.

Improved code quality through regular code reviews and bug resolution.

Produced comprehensive documentation and user guides, improving project maintainability and accessibility.

Received technical leadership, assisting with team building and project management.

Cloud Deployment Contributor
LibreHealth

Nov 2016 - Sep 2017 (11 months)

Designed and created Docker images of the software, streamlining deployment on a variety of systems.

Contributed to the front-end development of LibreHealth's EHR (Electronic Health Reports) platform, improving user experience and functionality.

Cloud Deployment Contributor
loklak

Nov 2016 - Sep 2017 (11 months)

Deployed and managed Loklak's P2P scraping software on multiple cloud platforms, including AWS, GCP, Bluemix, Heroku, and others.

Contributed to the development and improvement of Loklak's search engine, ensuring high performance and scalability.

Worked closely with the cloud infrastructure team to ensure seamless integration and optimal resource utilization.

Implemented strategies to improve cloud deployment processes, reducing downtime and improving reliability.

Conducted regular monitoring and maintenance of cloud environments, ensuring smooth operation and stability.

Troubleshot and resolved issues related to cloud deployment and configuration, ensuring optimal performance.

Collaborated with developers and stakeholders to identify and prioritize new feature requirements, supporting the ongoing evolution of the search engine.

Education

Meghnad Saha Institute Of Technology(MSIT)
Bachelor of Technology - BTech, Information Technology

2019 - 2023

Licenses & Certifications

Flutter App Development - Udemy

Google Cloud Platform Fundamentals: Core Infrastructure - Coursera
C34E7G99DSVM

Qwiklabs: Google Cloud Platform & Amazon Web Services Quests - Qwiklabs

Financial Markets - Yale University
N5RDFLA9XX6H

Introduction to Machine Learning - Duke University
KT2ZK6YC9NQY

Architecting with Google Kubernetes Engine: Foundations - Coursera
3DWRRMY4ER6T

Skills

Amazon Web Services (AWS) • Microsoft Azure • DevOps • Kubernetes • Terraform • JavaScript •
React.js • Node.js • Linux • Databases

Honors & Awards

Google Code-In 2016 Finalist - Google
Jan 2017
Global Finalist in Google Code-In 2016 while working with Fossasia and many other open-source
organizations.

Google Code-In 2017 Finalist - Google
Feb 2018
Global Finalist in Google Code-In 2017 while working with CloudCV