

# Ketan Badhe

Dublin, Ireland | +353 (0) 894835592 | [badhe.ketan@gmail.com](mailto:badhe.ketan@gmail.com)

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**Social:** <https://www.linkedin.com/in/ketanbadhe/>

**Portfolio:** <https://ketanmb69.github.io/>

## Profile:

3+ years of work experience in DevOps methodologies, Cloud, CI/CD, Configuration Management, and Release Management. AWS Certified Developer Associate. Expertise in collaborating with other engineers on code reviews, internal infrastructure improvements, and process enhancements. Proficient in writing Kubernetes YAML files for the deployment of microservices into Kubernetes clusters. Proficient in developing automation scripts using Shell scripts. Strong troubleshooting skills to find out root causes. Well-versed in Linux operating system, Jenkins, and Python. Independent and self-motivated, with a track record of learning new technologies rapidly and going the additional mile to help others.

**Languages:** English (Fluent – verbal & written), Marathi (Native), Hindi.

## Technology Skills:

- **Programming and Scripting Languages:** Bash/Shell Scripting, Python, YAML, C.
- **Operating Systems:** Red Hat Enterprise Linux 8, Ubuntu 18.04 LTS, Windows 7/10.
- **Cloud IaaS & SaaS Platforms:** AWS SageMaker, AWS EC2, VPC, Elastic Beanstalk, CodeDeploy, CodeCommit, IAM, CloudFront, DynamoDB, CloudWatch Alarms, and CodePipeline.
- **DevOps/Automation tools:** Kubernetes, Ansible, Docker, Jenkins
- **Networking:** DNS, TCP, UDP, DHCP, Routing protocols, OSI layers, IP Addressing, Ping, Traceroute.
- **Middleware:** Apache Tomcat, WebLogic
- **Other tools/technologies:** Splunk, GitHub, Machine Learning, Jupyter Notebook

## Work Experience:

Amdocs, India | **Technology Integration Engineer**

September 2018 – August 2021

- Focused on automation, containerization, integration monitoring, and configuration management.
- Developed and implemented software release management strategies for various applications according to the agile process.
- Kubernetes is being used to orchestrate the deployment, scaling, and management of Docker containers. Created pods and managed using Kubernetes.
- Actively worked on Docker and deploying and maintaining microservices in QA and Dev environments.
- Created Ansible playbooks to deploy Virtual Machines and install the components as per requirements.
- Applied scripting knowledge to automate the deployment and find out the number of configuration mistakes easily, kept an eye on every server for utilization, and improve time complexity.
- Experienced in BOT Automation, operated for configuration and validation purposes, as a reason the team does not need to do the configuration and validations manually.
- Configured cluster, failover cluster, troubleshoot cluster issues, add/delete resources, and service groups.
- Provided support to the numerous applications at the same time to maintain all the applications keep running without any problems and ensure health.
- Built the non-productive and production-like environments likewise configured to the latest versions.
- Setup elastic load balancers for distributed traffic and applied emergency fixes among multiple WebLogic servers.
- Managed the entire release communication and release coordination during the project roll-out.

## Certifications:

AWS Certified Developer Associate | [Credentials](#)

Operate Kubernetes on IBM cloud (IBM) | [Credentials](#)

Learn DevOps: CI/CD with Jenkins pipeline and Docker (Udemy) | [Credentials](#)

Ultimate AWS Certified Cloud Practitioner (Udemy) | [Credentials](#)

## Education:

**Masters in Cloud Computing | National College of Ireland, Dublin**

September 2021 - August 2022

- **Modules:** Cloud Architecture, Cloud DevOpsSec, Cloud Platform Programming, Blockchain Concepts, Fog and Edge Computing, Cloud Machine Learning, and Scalable Cloud Programming.

**Bachelor of Engineering in Computer Science | University of Mumbai**

June 2014 – June 2018

- **Modules:** Cloud Computing, Data Warehouse and Mining, Parallel and Distributed Systems, Software Engineering, Digital Forensic, Microprocessors, Operating Systems, Computer Networks, Mobile Computing, Distributed Databases, Data Structures, Object Oriented Programming.