

Ketan Badhe

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Profile:

A Cloud Computing enthusiast, who has worked on several technologies for the last three years. Independent and self-motivated, with a track record of learning new technologies rapidly and going the additional mile to help others.

Visa: Current status: Stamp 2.

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

Work Experience:

Amdocs, India | Technology Integration Engineer

September 2018 – August 2021

- Operated multitudinous DevOps tools such as Jenkins, and Kubernetes for the deployment and daily activities such as maintenance window to shut down and start-up up the application. Provided support during cloud migration.
- Applied scripting knowledge to 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.
- 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.
- Fixed the emergency fixes in the application and on a middle-ware such as WebLogic (an Oracle product).

Projects:

- **3AK Pharma - An Integrated Cloud-Based Health Care Solution | April 2022:** Implemented an online doctor consultation, pharmacist and pathology lab integrated web-based system. The web application makes use of a publicly available REST API named Auth0 for authentication and a self-developed API for access management.
- **SARS-CoV-2 Pandemic Analysis and Prediction using Cloud-based Machine Learning Models | April 2022:** Devised several algorithms such as Long Short-Term Memory (LSTM), Prophet Model, and Pattern Evaluation to accurately forecast the future of the pandemic.
- **Stock Investment Tool for Cloud Platform Programming | December 2021:** Focused on the application to perform the trading activities such as obtaining and selling the manually created list of shares and seeing the portfolio.
- **Stock Portfolio Management | December 2021:** Designed an application (Stock Portfolio Management) to provide users with real-time stock information of any number of shares, used for acquiring and selling shares, and hosted the application in Amazon Web Services Cloud.

Certifications:

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](#)

Technology Skills:

- **Python, C:** Using Python and C for 4+ years and achieved first-class results in all of the modules throughout the degree.
- **Shell Script:** Exercised shell scripting knowledge to automate the tasks while working for Amdocs.
- **Operating Systems:** Gained in-depth knowledge of operating systems and administered Linux-based systems and windows systems including server operating systems.
- **Cloud IaaS & SaaS Platforms:** Deployed web applications and addressed certain DevOps procedures on AWS EC2, Elastic Beanstalk, and CodeDeploy. Experience with services like CodeCommit, IAM, CloudWatch Alarms, and CodePipeline.
- **Middleware and other tools:** Dealt with WebLogic as middleware in the workplace. Also utilized Jenkins for CI/CD approach and hands-on experience on Kubernetes.

Education:

Masters in Cloud Computing | National College of Ireland, Dublin

September 2021 - August 2022

- **Research in Computing:** Selected topic for Research Thesis “Traversing Serverless Computing with Elastic File System to Deploy Large Deep Learning Model for Inference.”

Bachelor of Engineering in Computer Science | University of Mumbai

June 2014 – June 2018

- **Final year project:** PREDICTION OF USERS’ PERFORMANCE ON A MARKETING WEBSITE. (.pdf) Calculated the exact sales and prices of most sold items using the SPADE Algorithm and predicted a sale by ID3 Algorithm.