

Shrikant Kulkarni

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Education

BMS Institute of Technology and Management

BE in Computer Science and Engineering

- **CGPA:** 7.7

Bengaluru

Dec 2020 - May 2023

JSS K H Kabbur Institute Of Engineering

Diploma in Computer Science

- **Percentage:** 68%

Dharwad

July 2017 - May 2020

Chinmaya Vidya Mandir High School

High School

- **Percentage:** 95.2%

Bengaluru

May 2016 - Apr 2017

Internship

Sigmoid - DevOps

- During my internship, I gained hands-on experience in key DevOps tools like Docker, Kubernetes, Jenkins, Terraform, Git, GitHub, and GitHub Actions.
- I have applied this knowledge to lead successful projects, demonstrating effective integration for streamlined development workflows.
- **Technical Skills:** Docker, Kubernetes, Helm Charts, AWS, Jenkins, Terraform, Git, GitHub, GitHub Actions, Linux, Shell Scripting

Varcons Technology Pvt Ltd - Full Stack Web Development

- Worked on a project titled Template - Photography Website. This project was aimed at creating fully-fledged functional web template(s).
- As part of the project, I designed functional web pages, used databases to collect, store, and sort data, by understanding the design briefs and client specifications that were provided in the project proposal.
- **Technical Skills:** HTML, CSS, MySQL, Python(Django)

Projects

Approach for Identifying Cyberbullying using Unsupervised Learning

- Developed and implemented a cyberbullying detection system using Long-Short Term Memory(LSTM) unsupervised learning, achieving a 67.5% accuracy rate.
- Integrated the system with social media platforms for real-time analysis and potential removal of offensive content, contributing to a safer online environment.
- **Technical Skills:** Machine Learning, Natural Language Processing (NLP), Data Collection and Preprocessing, Model Training and Evaluation, Real-Time Analysis, Python, TensorFlow

S3 Bucket Management

- Developed a web application using Django, HTML, and CSS to facilitate streamlined Amazon S3 bucket management. Empowered users to create, list, and delete buckets, while also providing functionality to upload, list, and delete files within specified S3 buckets.
- Implemented robust backend functionality by integrating boto3, enabling seamless interaction with Amazon S3 services. This resulted in a user-friendly web app that enhances efficiency in S3 bucket and file management.
- **Technical Skills:** HTML, CSS, Django Framework, AWS, Boto3, Git, GitHub

Content Writer

- Engineered a content writing web application leveraging the OpenAI API.
- Established a robust CI/CD pipeline using GitHub Actions. This included automated Docker image creation, pushing the image to Docker Hub repository, and Kubernetes deployment using Helm charts, ensuring a streamlined and automated deployment process.
- **Technical Skills:** OpenAI API, Docker, Helm Charts, Kubernetes, Git, GitHub, GitHub Actions, Nginx, Ingress Controller, HTML, Flask

Clean Laundry

- An Android-based application and website for laundry owners to list and manage their services.
- Users can find nearby laundry shops using the app's location services.
- Users can compare service rates between different shops to find the best deal and check the status of their laundry and receive updates from the shopkeeper.
- Shopkeepers can update users and send notifications upon completion of work.
- **Technical Skills:** HTML, CSS, PHP, MySQL, Android Studio

Skills

Technical

Python, C, HTML, CSS, Django framework, MySQL, Version Control, Docker, Kubernetes, Helm Charts, Git, Github, Linux, Shell Scripting, Jenkins, Amazon Web Services (AWS), Terraform, GitHub Actions.