

# KUNAL JADHAV

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## EDUCATION

### KHAJA BANDA NAWAZ UNIVERSITY

Computer science and Engineering Bachelors

SGPA: 8.45 | CGPA: 7.4

2024

Kalaburagi, Karnataka

### RJ PU COLLEGE OF SCIENCE

Science (PCMB)

Percentage: 64.6 %

2020

Kalaburagi, Karnataka

### MAHATMA GANDHI ENG MED SCHOOL

SSLC

Percentage: 69.28 %

2018

Wadi (jn), karnataka

## SKILLS

**Tools / Platforms:** Linux , AWS , Git , CI/CD , Terraform , Docker , Kubernetes , Jenkins , Github  
Ansible , HELM

## PROJECTS / OPEN SOURCE

### STATIC-WEB-HOSTING

**Technologies:** S3 buckets, aws cloudfront , Codepipeline , Github

- Designed and implemented an automated CI/CD pipeline for a static website using AWS services. [github](#)
- Then Configured AWS CodePipeline for seamless integration with GitHub, enabling automatic deployment of website updates to an s3 bucket
- Leveraged AWS CloudFront as a Content Delivery Network (CDN) for global content delivery, ensuring low latency and high availability.
- Achieved an efficient and scalable deployment process with global content delivery capabilities, enhancing website performance and reducing manual intervention

### DOCKERIZED-APACHE-WEB-HOSTING

**Technologies:** AWS, Docker, apache, linux commands, Git, HTTP(8080)

- Developed a portable and lightweight solution for hosting a static website using Docker.
- Configured an Nginx web server within a Docker container to serve the website efficiently [github](#)
- This approach ensures platform independence and simplifies deployment on various environments, including local systems, cloud instances, and CI/CD pipelines
- Built and containerized the website using the lightweight `nginx:alpine` image.
- Configured Docker to expose and serve the site over HTTP on port 8080.
- Outcome: Enabled quick and consistent hosting of static websites with minimal overhead, ensuring portability, scalability, and ease of deployment.

### JENKINS-WEB-HOSTING-AUTOMATION

**Technologies:** ci/cd pipeline , ubuntu server, Github, apache web server

- Designed and implemented a CI/CD pipeline using Jenkins to automate the deployment of a web application on an AWS EC2 instance.
- The pipeline seamlessly pulls code from GitHub, builds it, and deploys it to an Apache2 web server, enabling rapid and reliable web hosting.
- Configured Jenkins to automate code integration, build, and deployment processes. [github](#)
- Leveraged GitHub webhooks for automatic pipeline triggers on code changes.
- Included pipeline stages for checkout, build, deploy, and post-deployment testing.
- Outcome: Streamlined the web hosting process with automated workflows, reducing manual effort and ensuring consistent, fast deployments.

## CERTIFICATIONS

- Training and certification** - Besant Technologies ( indranagar, Bengaluru