

PRATHIKSHA MARATI

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SUMMARY

Professionally qualified with strong knowledge of RedHat Linux, AWS, DevOps automation tools and windows OS. In-depth understanding of TCP/IP networking SMTP, HTTP, load-balancers, architecture.

EDUCATION

BE: Information Science and Engineering,

Bapuji Institute of Engineering and Technology, Davangere.

2020-2024

PU: PCMB

SES PU Science College, Sandur, Ballari.

2018-2020

School: SSLC

Vittalarao Lad Rotary High School, Sandur, Ballari.

2017-2018

SKILLS

- RedHat, Linux OS
- AWS Cloud, Devops Tools
- IAM, Auto Scaling, RDS
- CloudFormation
- CloudFront
- Version Control/ SCM(Git)
- Kubernetes
- Elastic Block Storage
- VPC, S3 Storage, EC2
- Route53, CloudTrail
- DynamoDB, Lambda
- Ansible playbooks
- Docker Container
- Jenkins, Maven

TECHNICAL SUMMARY

- Creating AWS EC2 instances.
- Configuring S3 storage.
- Managing IAM security.
- Creating VPC.
- Designing and deploying applications on the cloud.
- Automating different parts of the development process.
- Maintaining the usage of cloud services and implementing cost-saving strategies.
- Managing network-related workloads including DNS and firewalls.
- Regularly review existing systems and make recommendations for improvements.
- Interact with clients, provide cloud support, and make recommendations based on client needs.
- Identify, analyse, and resolve infrastructure vulnerabilities and application deployment issues.
- Create & manage ansible playbooks.

- Can Provide Level 2 technical support.
- Can Perform root cause analysis for production errors.
- Can Develop scripts to automate visualization.
- Good understanding & practical knowledge of automation tools like Jenkins, maven, Kubernetes.
- OOPS concepts, Python(Basics), SQL.

MAJOR PROJECT

- **Optimizing crop management:** A precision agriculture for sustainable farming. Using Kriging Technology.
- **User Application:** Intel core i5, Windows 10/11, React.js, Node.js, VS code. (08/2023-09/2023)
Based on Full Stack Java Development done Frontend.
- **Garbage Management System:** Based on MYSQL, HTML, ZAMP. (01/2023-02/2023)
Implementation code and Performing presentation.
- **Cloud Computing Project-Hosting Static Website on AWS S3:** Designed and deployed a static website using AWS S3 to understand cloud storage and hosting concepts (30/06/2025) | **GitHub:** <https://github.com/prathi1282/aws-s3-static-website.git>
- **Dockerized Flask Deployment on AWS EC2:** Developed and containerized a Python Flask app using Docker, deployed on AWS EC2 with configured security groups for public access (1/07/2025) | **GitHub:** <https://github.com/prathi1282/docker-flask-app.git>

CERTIFICATIONS

- **Smart India Hackathon- 09/2023**
Participation in Internal Hackathon for SIH2023.
- **Internship-08/2023-09/2023**
Based on "Full Stack Java Application Development".
- **IBM Developer Skills Networks-02/2024**
SQL and Relational Databases.
- **NSDC through Skill India Digital Hub-09/02/2025**
skilling course on Python Programming.
- **Training Program-16/05/2025**
On Linux, AWS, DevOps.

HOBBIES

Travelling, Listening Music

LANGUAGES

English, Kannada, Hindi, Marathi