

# Ganesh J

## Fresher

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### About Me:

- I'm a B.E Computer Science and Engineering Graduate, who is interested in Computers and learned and created simple works using Python, JavaScript etc.
- Also learnt cloud technologies such as AWS and DevOps.
- Apart from these skills I'm also good in Documentation and also can produce simple presentations too, and have some knowledge on graphics tools like editing SVG, Photoshop using GIMP and video editing.
- I enthusiastically embrace new technologies, committed to ongoing self-improvement.
- I also have interest in Game Development and recently got interested in Electronics and Microcontrollers.

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### Education:

**Bachelor of Engineering, Computer Science and Engineering.**

University College of Engineering, Panruti.

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### Skills:

Operating Systems	Windows, WSL, Debian, Ubuntu, Android, Chrome OS.
Databases	PostgreSQL, MongoDB.
AWS	EC2, S3, IAM, VPC, Route53, RDS, DynamoDB, ELB, ASG.
DevOps Tools	Git, GitHub, Jenkins, Docker, Terraform, Ansible, Prometheus, SSH.
Programming Languages	Python, Node.JS, JavaScript, HTML, CSS, Julia.
Frameworks and Libraries	Flask, BS4, React.JS, Express.JS, Three.JS, Maven
ORM	Prisma ORM
Other Tools	MS-Word, MS-PowerPoint, Krita, GIMP, Inkscape, Blender, DaVinci Resolve, Natron.

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## Projects:

### Jenkins CICD Pipeline:

**GitHub:** <https://github.com/Ganesh-Jayasamraj/CICD-Pipeline-in-Jenkins-With-Java-Maven-Web-Application.git>

**Environment:** AWS EC2, Jenkins, Java, Maven, JSP, GitHub, Docker, SonarQube

- Created a Maven Web Application in VS Code with Java base to throw simple “Hello World.” And uploaded to GitHub.
  - Created a “Dockerfile” for deploy the application.
  - Created two instances in AWS EC2, one for Jenkins and deploy Web application in Docker, second for verifying source code using SonarQube.
  - With Jenkins I created a Pipeline job and proceed with the following steps:
    - Getting Source code from GitHub.
    - Verifying the code using SonarQube
    - Building the code to WAR file using maven tool
    - Building the Docker image using the “Dockerfile”.
    - Deploying the docker container for production.
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