

# Gopineedi Chaithanya

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**CARRIER OBJECTIVE:** I'm a DevOps fresher with a background in Electronics and Communication Engineering and a certified in NPTEL Cloud Computing. My passion for automation, scalability, and cloud technologies led me to explore and train in DevOps tools and cloud platforms. I am not just looking for a job — I am ready to add value from day one. With a solid foundation, practical DevOps skills, and a strong work ethics

## EDUCATION

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**Centurion University of Technology and Management, Vizianagaram, Andhra Pradesh** 2021 - 2025  
*B. Tech in Electronics Communications and Engineering* 7.83 CGPA

Sri Chaitanya Junior College, Gudivada 2019 - 2021  
*Intermediate, Board of Intermediate Education, Andhra Pradesh (BIEAP)* 53%

**Vidyalaya Public School, Gudivada** 2019  
*10th, Board of Secondary Education, Andhra Pradesh (BSEAP)* 8.3/10 GPA

## PROJECTS

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### Automated Portfolio Deployment using GitHub & Jenkins on AWS EC2 :

- Designed and implemented a **CI/CD pipeline** to automatically deploy a personal portfolio website.
- Integrated **GitHub Webhooks with Jenkins** to trigger builds on every commit.
- Configured **Jenkins jobs** to pull code from GitHub and deploy updated files to **Nginx web server** running on AWS EC2.
- Automated deployment with shell scripts for copying, renaming, and restarting services.
- Ensured high availability by configuring **Nginx** as a static web server.
- Tools & Technologies: *AWS EC2, GitHub, Jenkins, Nginx, Shell Scripting, Linux*

### Movie Recommendation System:

- Attained a 15% reduction in Mean Squared Error (MSE) for user rating predictions and boosted recommendation accuracy by 20% for new users and items by addressing cold-start problems with collaborative filtering techniques.
- Streamlined algorithms to reduce computational overhead by 30% and improve processing times by 25%, enhancing scalability to support 50% more concurrent users with sub-500ms response times.
- Increased system robustness by 10% through cross-validation strategies, leading to a 25% rise in user engagement and 99.9% uptime during peak usage.

## SKILLS

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**Languages:** python

**Cloud services and Databases:** AWS, RDS, Ec2, S3, Load balancers, Auto scaling, Cloud watch, Vpc, Serverless Lambda ,nginx

**SCM:** GitHub, GIT

**CI/CD:** Jenkins

**Build tool:** Maven

## EXTRACURRICULARS

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- Directed a team of co-students for the course projects and domain projects.
- Competed in hackathons, coding competitions, or tech challenges, demonstrating technical proficiency and innovation.
- Coordinated and managed the fest, ensuring smooth operations.