

# SUBBARAMI REDDY KARAPUREDDY

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## Personal Profile

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In my role within the DevOps team over the past few months, I've been deeply engaged in advanced cloud solutions and practices. By seamlessly integrating development and operations, I've played a pivotal role in orchestrating efficient deployment pipelines. Leveraging cutting-edge tools and automation, I've streamlined configuration management and infrastructure provisioning, ensuring consistent environments from development to production. My focus on monitoring and analyzing application performance using advanced cloud-native tools has enabled proactive issue resolution, enhancing user experience. As I continue to explore cloud-native solutions, my contributions are driving scalable and optimized systems that embody the forefront of DevOps practices.

## Work Experience

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### Advanced Business and Healthcare Solutions

Bangalore, India

Associate Devops Engineer

May 2023 - present

- Spearheaded continuous integration efforts using GitHub Actions, ensuring robust build and test processes for applications.
- Implemented Harness for efficient and automated continuous deployment in AWS environments.
- Designed and implemented AWS CloudFormation templates and AWS CDK for building and maintaining infrastructure.
- Managed backup processes for RDS instances, ensuring data integrity and disaster recovery capabilities.
- Collaborated in the transition from individual tasks to pivotal roles in key projects, showcasing adaptability and technical expertise.
- **Technical Skills:** Git, GitHub, Linux, Docker, AWS Services (EC2, RDS, ECR, EKS, EB) GitHub Actions, Harness.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

### Advanced Business and Healthcare Solutions

Bangalore, India

Trainee Engineer

Feb 2023 - May 2023

- Attending meetings with mentors to gain experience in DevOps and AWS Services.
- Learning about software development methodologies and best practices.
- Working collaboratively with the development team to gain hands-on experience and enhance technical skills..
- **Technical Skills:** Git, GitHub, Linux, Docker, Kubernetes, AWS Services (EC2, RDS, ECR, EKS, EB).
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

## Education

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### Rajeev Gandhi Memorial College of Engineering and Technology

Nandyal, Andhrapradesh

B.Tech in Computer Science and Engineering

Aug 2019 - May 2023

- Pursuing the Bachelor's
- CGPA 9.0
- **Courses:** Cloud Computing, Programming Languages, Computer Networks, DevOps

### Sri chaitanya junior college

Tirupati, India

Intermediate in Mathematics Physics and Chemistry

Jun 2017 - Apr 2019

- Passed with Distinction (CGPA 9.9)
- Specialised in Physics, Chemistry, and Maths with Computer Science

### Sai baba high School

Kadapa, India

High School

Apr 2014 - Apr 2017

- Passed with Distinction (CGPA 9.8)

## University Projects

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### SECURE TRANSMISSION OF ASYMMETRIC BASED ENCRYPTED DATA USING COMPRESSION BASED STEGANOGRAPHY

Nandyal, India

Rajeev Gandhi Memorial College of Engineering and Technology

Aug 2022 - present

- This Project is Capable with the secure Transmission of secret data using the cryptography and steganography.
- We mainly focused on the secure Transmission.so,we designed this to transmit the secret information in Encrypted format along with compression techniques and hided data in the images using the steganography.
- Application is developed using Tkinter package to provide the Graphical User interface (GUI).
- **Technical Skills:** Python (Tkinter,RSA,Huffman coding, Least Significant Bit (LSB), Discrete Wavelet Transform (DWT)
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

## Timetable Management System

Nandyal, India

Rajeev Gandhi Memorial College of Engineering and Technology

Mar 2022 - June 2022

- This Project is Capable of generating a Timetable Based on the User Choice in an optimal Manner.
- We mainly focused on the Education Institutions so,we designed this to select the timetable based on the staff choice.
- Application is containerized and deployed in the AWS using the Elastic Container Service (ECS) and Elastic Kubernetes service(EKS) with RDS MySQL Database.
- **Technical Skills:** HTML, CSS3, JavaScript with ES6 modules, PHP, Bootstrap, MySQL, AWS
- **Architecture:** MicroService,Model View Controller (MVC)
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

## Skills

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<b>Programming</b>	Java, Python, C/C++/CSharp, .Net(Asp,Asp.Net,ADO.Net) ,PHP, HTML/CSS, JavaScript, React, Nodejs, SQL, MongoDB.
<b>Cloud Computing</b>	AWS(Ec2,S3,EBS,EB, ECS, EKS, etc), Azure(VM, Blob, Disk, ACS, AKS, App Service, etc)
<b>Miscellaneous</b>	Linux(RHEL), Shell (Bash/Zsh), Git, Docker, Kubernetes, Terraform(Basics), MVC, Mircoservice.
<b>Soft Skills</b>	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

## Achievements

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2022	<b>Associate</b> , AWS Cloud Developer	India
2022	<b>Associate</b> , Azure Cloud Developer (AZ-204)	India
2022	<b>Associate</b> , Java Fullstack Development (Talent Next Wipro)	India
2022	<b>Elite</b> , Java Coding Ninjas	India
2021	<b>Basic</b> , Java Hackerrank	India
2020	<b>Level 1</b> , Python Cisco Networks	India
2021	<b>Level 1</b> , Javascript Cisco Networks	India
2021	<b>Level 1</b> , Network Essentials Cisco Networks	India

## Interests

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<b>Technical Writing</b>	I write descriptive blogs about DevOps tools some of them are on my Notion and github.
<b>Web Designing</b>	I Designed a website for my college to organize the Ripple event with prove your skills motive. Ripple2k23.
<b>Video Games</b>	I always had the gaming gene. I mostly play on my phone and occasionally on my switch.

## Languages

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<b>English</b>	Professional proficiency
<b>Telugu</b>	Bilingual proficiency