

# PARIPOORNAM Y

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## EDUCATION

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**Bachelors in Mechanical Engineering**  
*St. Joseph's Institute of Technology*

2021 - 2025  
CGPA 8.52

## SKILLS

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<b>Programming Languages</b>	Java, C++, Python, HTML, CSS, JavaScript
<b>Tools and Technologies</b>	Bash Scripting, MySQL, Git, Linux, Terraform, Docker, Kubernetes, Ansible, AWS, Jenkins, React, AutoCAD, SolidWorks
<b>Soft Skills</b>	Successfully resolved complex technical issues within tight deadlines.

## PROJECTS

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**Serverless E-Commerce website** — *AWS, HTML, CSS, JavaScript, Terraform*

- Pioneered the development and deployment of scalable cloud solutions using **AWS** resources, including **Lambda, SNS, SQS, DynamoDB, CloudFormation** and **EventBridge**.
- Streamlined operational processes, resulting in a **40%** increase in workflow and system performance efficiency.
- Implemented event-driven architecture to enable seamless communication and data flow between system components, enhancing reliability and responsiveness by **35%**.

**Open Assistant** — *Python, Amazon Bedrock, AWS, API Gateway* [OpenAssistant.ai](#)

- Developed **Mini ChatGPT**, a Python-based text generation backend integrated with **Amazon Bedrock**, emphasizing scalability and reliability, resulting in a **30%** improvement in response time.
- Optimized system efficiency by migrating to a serverless architecture, enhancing scalability and cost-effectiveness by **25%**.
- Integrated **AWS API Gateway** for seamless integration and communication between different system components.

**Continuous Deployment pipeline Implementation** — *Terraform, AWS, Docker, Github* [Github](#)

- Develop a **CI/CD pipeline** for automating the build, test, and deployment processes using **Github Actions**.
- Configured the pipeline stages, resulting in a **50%** reduction in deployment time and a **25%** increase in deployment frequency.
- Implemented Infrastructure as Code (IaC) principles using **Terraform**, reducing provisioning time by **40%** and ensuring consistent infrastructure configuration across environments.

## COURSES AND CERTIFICATES

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- **AWS Certified Cloud Practitioner** - *Amazon Web Service*
- **Accenture Data Analytics and Visualization Job Simulation Program** - *Forage*
- **Python 3.x - Programming Course (Hands-On)** - *Skillrack*
- **DBMS** - *Prepinsta*

## ACTIVITIES

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- **Blogger:** Engineered a **serverless event-driven architecture**, resulting in a **30%** increase in cloud processing efficiency and reducing operational costs by **20%** annually through automated scaling and optimization. [Blog](#)
- **Programming:** Published daily code solutions on GitHub during LeetCode 100 Days of Code Challenge; boosted repository visibility by **30%** and garnered over **100** new contributors and followers. [GitHub](#)

## ROLES AND RESPONSIBILITY

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**Technology Specialist, AWS Cloud Club**

July 2023 - Present

- Boosted **AWS certification** success rate among club members by **60%** through tailored mentoring sessions and bespoke study resources, leading to higher engagement and improved career opportunities for participants.