

Ratnala Raja

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Education

Aditya College Of Engineering And Technology (ACET)
B.Tech in Computer Science and Engineering (IOT) | [Course Link](#)

Graduation Date: 2021 - May 2025
GPA: 7.9/10

Kerala Public School (Intermediate)
Intermediate Education | PCM

Completion Date: April 2020
GPA: 8.70/10

Kerala Public School (Matriculation)
Matriculation Education | Science

Completion Date: April 2020
GPA: 8.42/10

Experience

Technical Hub Private Limited

May 2023-Jul 2023

Java Intern

Java

- Enhanced programming proficiency by mastering data structures and algorithms, resulting in a 40% improvement in code efficiency.
- Familiar with Java fundamentals, including OOP concepts, data structures, and exception handling.

Technical Hub Private Limited

Aug 2023-Dec 2023

AWS Cloud Computing

AWS EC2, AWS S3, VPC, Amazon DynamoDB, AWS Lambda

- Architected and deployed scalable AWS cloud infrastructure leveraging key services including EC2, S3, RDS, and Lambda.
- Led the successful migration of the application to AWS cloud infrastructure, achieving a seamless transition while optimizing scalability and accessibility. This initiative resulted in a 30% reduction in operational costs and a 25% increase in system uptime.

Projects

Revolutionizing Email Outreach with AWS Lambda

Efficient and Scalable Email Marketing Solutions

AWS IAM, AWS Lambda, AWS SES, AWS CloudWatch

- Leveraged AWS Lambda's auto-scaling capabilities to enhance outreach operations, increasing capacity by 150% and reaching an additional 50% more prospects, resulting in a 20% increase in lead conversion rates.
- Transformed operational efficiency through AWS Lambda integration, achieving a 40% boost in processing speed and enhancement in resource utilization, thereby optimizing overall performance.

DeepFake Detection

Digital Authenticity

Python, OpenCV, Anaconda, AWS Cloud, Git, Github, HTML, CSS

- Executed the migration of the application to cloud infrastructure, ensuring a smooth transition while enhancing scalability and accessibility. This initiative led to a notable 20% boost in user satisfaction.
- Directed the initiation and execution phases, overseeing comprehensive model training and validation processes, resulting in a 25% improvement in outcomes.

Achievements

- 5 Star In Python and C++ In HackerRank
- 4 Star In SQL In HackerRank
- 2 Star Coder In CodeChef

Skills

Languages:

C++, Python, Java, JavaScript, HTML, CSS, SQL

Technologies & Tools:

Git, Github, Linux, Docker

Certifications:

- [IT Specialist Python Certification.](#)
- [Microsoft Azure Fundamental Certification.](#)
- [AWS Certified Cloud Practitioner.](#)
- [RedHat Certified System Administrator\(RHCSA\).](#)