

# Syam Prasad Uppu

## Software Engineer

Bachelor of Technology

Koneru Lakshmaiah Education Foundation

+91-9573905893

syamuppu05@gmail.com

github.com/syamprasad187

linkedin.com/in/syam-prasad-uppu

## PROFESSIONAL SUMMARY

Passionate Computer Science Engineering fresher with a strong interest in software engineering. I am excited to apply my skills in full-stack development and cloud technologies to contribute to the building of innovative, scalable, and efficient software solutions.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Java, C, Python

**Web Development & Frameworks:** React.js, HTML5, CSS3, REST APIs, Spring Boot, JSP, Node.js, Express.js

**Cloud/Databases:** AWS, MySQL, MongoDB, PostgreSQL

**Developer Tools & Methodologies:** Postman, VS Code, GitHub, Git, Docker, Kubernetes, Agile, CI/CD

**Relevant Coursework:** Data Structures & Algorithms, Object Oriented Programming, Database Management Systems, Software Engineering.

**Soft Skills:** Problem-solving, Team Management, Communication, Adaptability and Quick Learning

**Certifications:** AWS Certified Cloud Practitioner, Red Hat Certified Enterprise Application Developer

## PROJECTS

### •Campus Recruitment Management System

*A scalable recruitment solution developed with the MERN stack for efficient hiring.*

- Implemented secure authentication using JWT and bcrypt for user management.
- Designed a 50 plus component React.js UI, improving load times by 30% with Redux
- Technology Used: React, Redux, Bootstrap, Node.js, MongoDB, JWT, bcrypt, REST APIs, Microservices.

### •AgroMart

*A Spring Boot-based agri-commerce platform connecting farmers to global buyers.*

- Optimized filtering, order management, and inventory tracking, boosting transaction efficiency by 50%
- Integrated real-time messaging and notifications, increasing user satisfaction by 35%
- Technology Used: React js, SpringBoot, Bootstrap, MySQL, Microservices

### •Cloud Based Secure Web Application Firewall

*Developed a cloud-based web application firewall using AWS and machine learning to detect and block malicious IPs.*

- Trained a model on 2,000 plus requests, achieving 85% accuracy in detecting SQL injection and XSS threats.
- Technology Used : Python(Flask), AWS Elastic Beanstalk, scikit-learn, HTML, CSS, Postman, pandas, numpy

## EDUCATION

### •Bachelor of Technology in Computer Science and Engineering

2022-2026

Koneru Lakshmaiah Education Foundation, Vaddeswaram

CGPA: 9.27

### •Higher Secondary Certificate

2020-2022

Sri Gayatri Junior College, Vijayawada

CGPA: 8.38

### •Secondary School Certificate

2019-2020

Swarna Bharathi High School, Vijayawada

CGPA: 9.43

## EXPERIENCE

### •AWS AI-ML Virtual Internship

January - March 2024

APSCHE-Eduskills

Remote

- Proficient in AWS services including EC2, S3, RDS, Lambda, IAM, VPC, and related cloud computing components.
- Solid understanding of AWS Well-Architected Framework with focus on security, performance, and cost optimization best practices.

## POSITIONS OF RESPONSIBILITY

### • Project Team Leader Java FullStack Hackathon - KLEF, Vaddeswaram

Aug - Dec 2024

- Led development of AGROMART, a microservices-based agri e-commerce platform using React.js, Spring Boot, and MySQL.
- Incorporated mentor insights and user feedback to optimize features and usability.