

# Akshay Kumar Reddy Polu

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📍 Bengaluru, India

## PROFESSIONAL SUMMARY

Motivated and technically proficient Computer Science student with hands-on experience in full-stack Java development and machine learning. Strong problem solving abilities with a passion for continuous learning, collaboration, and creating scalable and user-centric solutions.

## EDUCATION

**Bachelor of Technology (B.Tech), Computer Science and Engineering** Tirupati, 2021 – 2025

Siddhartha Engineering College

CGPA: 7.8

**Intermediate (10+2)**

Sri Gayatri Junior College

Hyderabad, 2019 – 2021

Percentage: 77.2%

**SSC (10th Grade)**

Sri Vengamamba E.M High School

Porumamilla, 2019

CGPA: 9.7

## TECHNICAL SKILLS

- **Languages:** Java, Python
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MySQL, PostgreSQL, NoSQL
- **Frameworks/Tools:** Spring Boot, React
- **Concepts:** RESTful APIs, Microservices, Cloud Deployment
- **Software:** Microsoft Office

## WORK EXPERIENCE

**Full Stack Java Intern**

Apr 2024 – Jun 2024

SkillDzire

- Developed full-stack web applications using Spring Boot and Angular/React.
- Built and integrated RESTful APIs and microservices with MySQL/PostgreSQL.
- Deployed applications in cloud environments with a focus on performance and security.
- Debugged and optimized applications for scalability and maintainability.

## PROJECTS

**Credit Card Fraud Detection (Machine Learning)**

- Built fraud detection models using Python, TensorFlow, and scikit-learn.
- Data preprocessing, feature engineering, and anomaly detection.
- Designed real-time transaction monitoring and risk assessment pipeline.

## CERTIFICATIONS

- Cloud Computing – NPTEL
- Artificial Intelligence – SkillDzire
- Python Foundation – Infosys Springboard
- AWS Cloud Computing – Quizaro Extended Edge
- Data Science and Machine Learning – YBI Foundation

## SOFT SKILLS

Problem-solving • Teamwork • Quick learning • Logical thinking • Communication

## HOBBIES

- Learning new technologies
- Playing badminton

- Cooking
- Listening to music

## **DECLARATION**

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The information provided above is true to the best of my knowledge.

**Akshay Kumar Reddy Polu**